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J. F. NOLL & CO

ALEXANDER FORBES, PRESIDENT

115 MULBERRY STREET, NEWARK, N. J.

29 HUDSON TERMINAL CONCOURSE, NEW YORK CITY

Catalogue of
SEEDS, PLANTS,
BULBS
POULTRY SUPPLIES

GOLDEN
SELF-BLANCHING
CELERY

1914



NOLL'S CHAMPION OF ALL LETTUCE

RADISH SPARKLER

INTRODUCTION

To Our Customers



N presenting our Annual Spring Catalogue we desire to express our thanks for past favors and to assure our friends that no effort will be spared on our part to merit a continuance of their orders.

Although we cannot report an all-round bountiful harvest, the supply of many kinds of seeds is better than it has been in several years and the prices are correspondingly lower. Beans, Sweet Corn, Celery, Lettuce and many of the more tender plants suffered severely from the early frosts in September, and the supply of these is short. We are fortunate, however, in starting the season with a liberal supply even of the scarce items and our prices will be found to be reasonable when quality is considered. We take pride in supplying seeds of high grade from selected stocks, for when it is considered what the

Planter has at stake, the best is none too good.

Next to good seeds comes good service, and we are in an exceptional position in this respect also. We have now at the head of our establishment Mr. Alex. Forbes, who for over 25 years was general manager of Peter Henderson & Co., New York City. We are also fortunate in having associated with us Mr. Frank E. Sellnow, who represented, for over 20 years, the well-known house of Geo. H. Price, successor to Price and Reed, Albany, N. Y. We pride ourselves in having competent help in all departments, both in our warehouse and trial grounds. Our seed store is the largest and best equipped in the State of New Jersey; we are, therefore, in a pre-eminent position to safeguard our customers' interests at all points.

We beg to solicit your further favors and your recommendations to your friends.

Yours truly,

J. F. NOLL & CO., Inc.

ALEX. FORBES, President

OUR BUSINESS METHODS

OUR TERMS ARE ALWAYS CASH WITH ORDER OR SATISFACTORY NEW YORK OR PHILADELPHIA REFERENCES

How to Remit. You can send your remittance at our risk by Post Office or Express Money Order, New York or Chicago Draft, or by registered letter. We cannot hold ourselves responsible for cash sent loose in letters.

Be sure to sign your name and give your full address on every order you send us. We frequently receive orders without name or address. If you do not hear from your order in a reasonable time write us fully, giving date of mailing, how you remitted and copy of order sent. We will try to trace it.

We deliver free, at our option, to any post office or express office in the United States, all packets, ounces and $\frac{1}{4}$ pounds of Vegetable or Flower Seeds (also Lawn Grass), at prices quoted in this catalogue. Prices quoted on Bulbs, Roots, Potatoes, Plants, Farm Seeds, Grass Seeds (except Lawn Grass Mixtures), Implements, Fertilizers and the like, are Net, F. O. B. Newark, N. J., unless quoted otherwise.

We supply half pounds at pound rates, half pecks at peck rates and half bushels at bushel rates. Bags charged for at cost, namely, 1 peck 10c., $\frac{1}{2}$ bushel 12c., 1 bushel 15c. and 2 bushels 25c.

Give full directions on all orders to be shipped by freight or express. Give your post office, also your freight or express office, county and State and advise us whether you wish goods shipped by freight or express.

Please order as early as you conveniently can. We aim to fill all orders promptly. Should there be any cause for delay we will write you stating when we expect to forward.

Guarantee. We give no warranty, express or implied, as to description, purity or productiveness or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms they are to be returned at once. There are many reasons why seeds do not always turn out as desired, such as sowing too deep or too shallow, in too wet weather, cold weather or too dry soil, or too wet soil. Insects do not only destroy the seeds but often the young plants about the time they appear at the surface of the ground. For these reasons we cannot guarantee seeds or the crop.

January 1st, 1914.

J. F. NOLL & CO., INC., Newark, N. J.

GARDENERS AND FARM MANAGERS

We have at all times on our registers the names of competent men who are either unemployed or are willing to make a change, and we will be pleased to put any one requiring such help in correspondence with the party. We recommend none but whom we know personally to be men of marked ability and sobriety.

NEWARK, N. J.

Messrs. J. F. Noll & Co., Inc., give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

AMOUNT ENCLOSED

Postal Money Order, \$_____

Express Money Order, _____

Draft, _____

Currency,

Postage Stamps, _____

Note.—If PEAS, BEANS and CORN are ordered sent by Mail, add Fifteen Cents per Quart on Peas and Beans, and Ten Cents per Quart on Sugar Corn, and Ten Cents per Quart on Onion Sets to Catalogue Prices.

Date_____19____

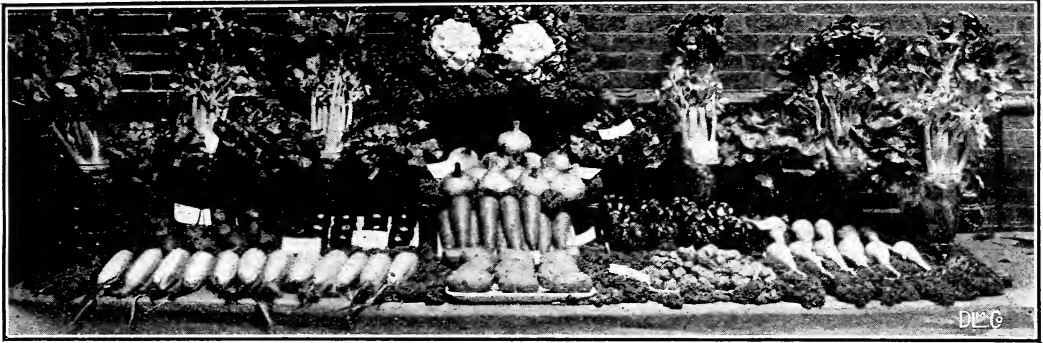
PRICE

Amount Carried Forward

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SPECIAL NOTICE: We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any of your friends who buy Seeds, Bulbs or Plants. We wish to send them our SEED ANNUAL.

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SELECT VEGETABLE SEEDS

ARTICHOKE

Large Green Globe. Produces heads like flowers, which are cooked like Asparagus. Highly esteemed. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

ASPARAGUS

Culture.—To grow roots from seed, soak seed in warm water and plant in April or May in drills 1 foot apart and about 2 inches deep. One-year-old roots can be transplanted in beds where they can remain for many years. One ounce of seed will sow 75 feet of drill.

Early French Giant. One of the finest varieties to grow. Large, succulent and tender. Pkt. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00. Two-year-old roots: Per 100 \$2.00, by mail postpaid; by express, not prepaid, per 100 \$1.50, per 1000 \$10.00.

Barr's Philadelphia Mammoth. A good market sort. Large and tender.

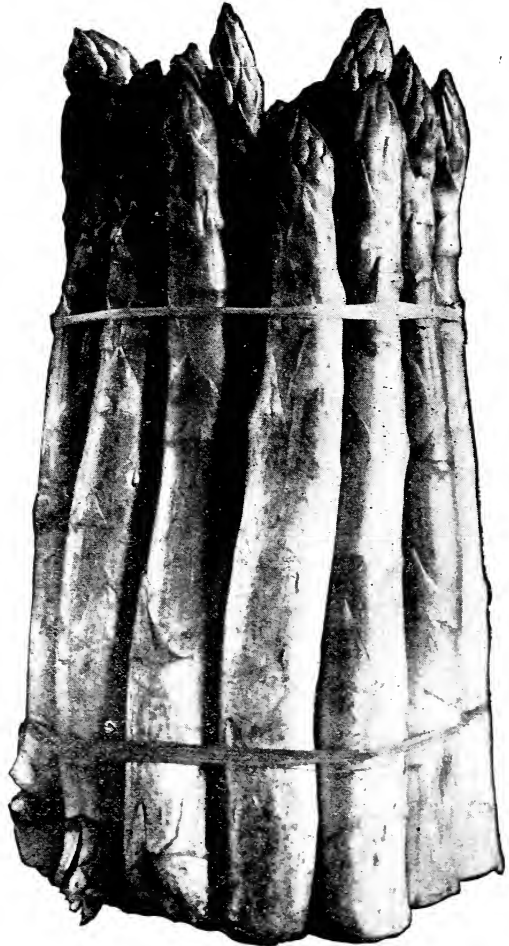
Palmetto. One of the most popular sorts grown. Very desirable.

Conover's Colossal. An old but standard sort.

Columbian Mammoth White. The best of the white sorts.

Price of any of the above 4 varieties: Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c. Two-year-old roots of any of the above 4 varieties: \$1.50 per 100, by mail postpaid; by express, not prepaid, \$1.00 per 100, \$6.00 per 1000.

Asparagus Roots. Best results are obtained by planting two-year-old roots. Set them out in April or May, or in the South in the Fall, about October, in soil well drained and very rich. Dig trenches about 15 inches wide and about 18 inches deep, set the roots from 15 to 18 inches apart and keep the rows 4 to 5 feet apart. Be careful to spread the roots carefully and put about 3 or 4 inches of manure in bottom trench; cover this with 2 or 3 inches of soil, then place roots on top of this, and cover them with 3 or 4 inches of soil.



Early French Giant Asparagus

BEANS DWARF OR BUSH GREEN PODDED

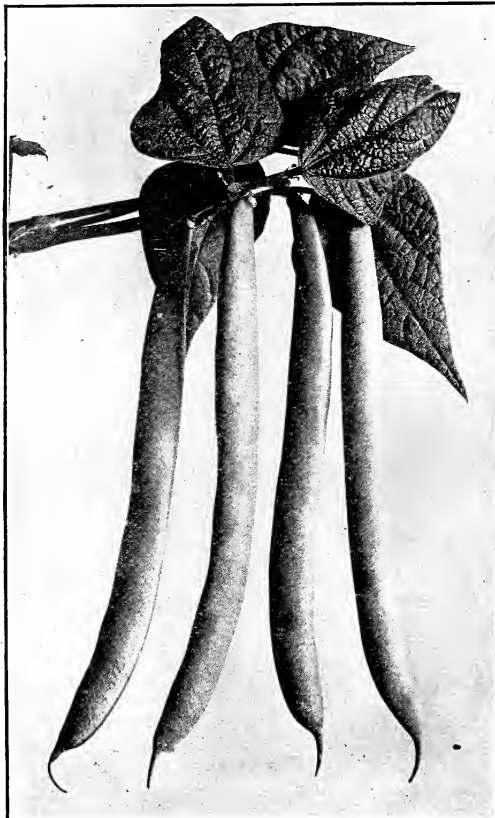
Culture.—Plant early in the Spring as soon as ground is dry and warm and continue planting every 10 days or 2 weeks for a continuous crop until about 6 weeks to 2 months before frost is usually expected. Beans do best in good, rich soil; ground should be in good condition. Plant in rows 2 to 3 feet apart, leaving plants 2 to 4 inches apart in the rows. Cover Beans about 2 inches deep. One quart will plant 100 feet of row; 1 to 1½ bushels per acre.

King of the Earlies

This variety can be planted fully a week earlier than any other green Bean, as the dry Bean will stand considerable cold wet weather, while other varieties at the same time will rot in the ground. The main feature of this Bean is its earliness. The pods are usually ready to pick at least 5 days ahead of Red Valentine, and are a beautiful green color, extra long, almost straight, round, thick, meaty, tender, and in flavor unsurpassed. A very valuable feature is that the first picking is a heavy one. The demand for this Bean has been very much in excess of the supply, and as a money-maker we offer nothing in the seed line that has proved so advantageous to our gardeners as this particular item. Adapted for late as well as early planting, owing to the hardiness of the vine, which resists unfavorable weather and disease. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

Should you want to see a perfect String Bean patch, I have it and it's the talk of Greenwich, N. J. They are Noll's Bountiful.

WM. G. NEIL, Greenwich, N. J.



King of the Earlies Bean

Longfellow, or French Lead Pencil. A round-podded green Bean of great merit; is entirely stringless and of good flavor. Vines are very prolific. A good Bean for early use. Showy and attractive pods, often 6 inches long. Pkt. 10c., pt. 20c., qt. 35c. pk. \$2.00, bus. \$7.00.

Refugee, or 1000 to 1. The popular canning and shipping sort. This Bean is one of the most prolific of all the green-podded sorts. Vines are strong and vigorous and very hardy. Pods are long, round and of fine appearance. This old standby is grown very largely for canning and for shipment. We sell large quantities of this variety in the South. A good sort for late planting. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Black Valentine. An old variety that has again sprung into popular favor on account of its earliness, prolificness and good shipping qualities; this Bean is planted very largely by market gardeners and large shippers of green Beans. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Boston Pea, or Navy. Grown largely in many sections as a commercial Bean for Winter use. Beans are pure white, small, nearly oval in shape. Vines are very prolific, producing a large bulk of shelled Beans per acre. A good sort for baked Beans. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.50.

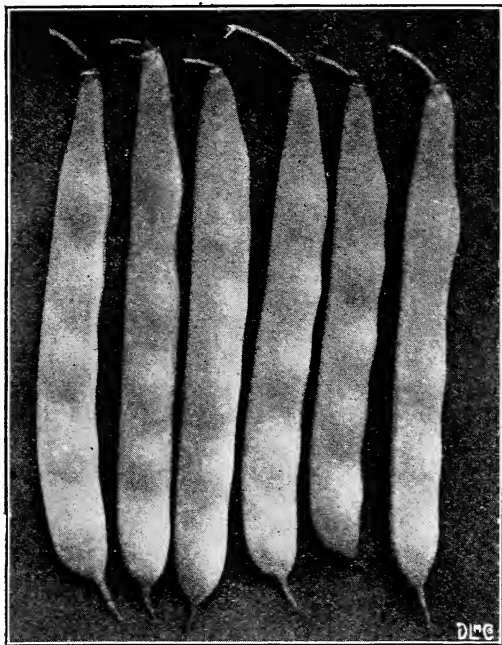
Bountiful. Very early, free from strings, flat pod; a very handsome and attractive variety. This Bean is becoming more popular every year, both for home and market use. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Burpee's Stringless Green Pod. One of the most popular green-podded Beans. It is an early sort of the very best quality. Is entirely stringless, as its name implies. Pods are round, 5½ to 6 inches in length, of a light green color, very tender and vines are abundantly prolific. This Bean is most desirable for either home use or the market garden. We recommend it to all our customers as one of the very best Beans they can plant. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Dwarf Horticultural. Similar to the Pole Horticultural in looks, size, etc., excepting it grows in bush form. Pkt. 10c., pt. 15c., qt. 30c., pk. \$1.75, bus. \$6.50.

Extra Early Round-Pod Red Valentine. This is probably one of the oldest of all the green-podded Beans and is today as largely planted as any Bean on the market, on account of its most excellent eating qualities, its earliness and prolificness. Pkt. 10c., pt. 15c., qt. 30c., pk. \$1.75, bus. \$6.50.

Extra Early Refugee. A very early green-podded Bean of good quality. Pods are long, round and attractive. It matures from 2 to 3 weeks earlier than the late Refugee or 1000 to 1. A very desirable variety for market. We have a very choice strain of this popular Bean. Pkt. 10c., pt. 15c., qt. 30c., pk. \$1.75, bus. \$6.50.



Wardwell's Kidney-Wax Bean—See page 4

BEANS—Continued

Giant Stringless Green Pod. A very prolific and handsome variety. Vines are vigorous. The pods do not mature as early as the Burpee's Stringless Green Pod, but are longer. This is a very good variety for the home garden as well as the market. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Large White Marrow. A popular variety for Winter use as a shelled or dry Bean. Seed pure white. Vines large and spreading. Very heavy yielders. Largely planted as a field Bean. They cook very dry and mealy. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.50.

DWARF OR BUSH, WAX- PODDED

California Rust-Proof Wax ^{Positively the earliest,} hardiest and most productive flat-pod Wax Bean ever offered. It can be planted fully a week ahead of any other Wax Bean, on account of its extreme hardness, and will pick 4 to 5 days ahead of any other wax variety planted at the same time. The vines are of a vigorous growth and yield enormous quantities of large, handsome, flat pods. In the vicinity of Norfolk, Va., where thousands of bushels of these Beans are planted annually, it has proven to be the most satisfactory Flat Wax variety. The seed should be planted not closer than 4 inches apart in the row. Market gardeners should not fail to grow this valuable variety. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.50.

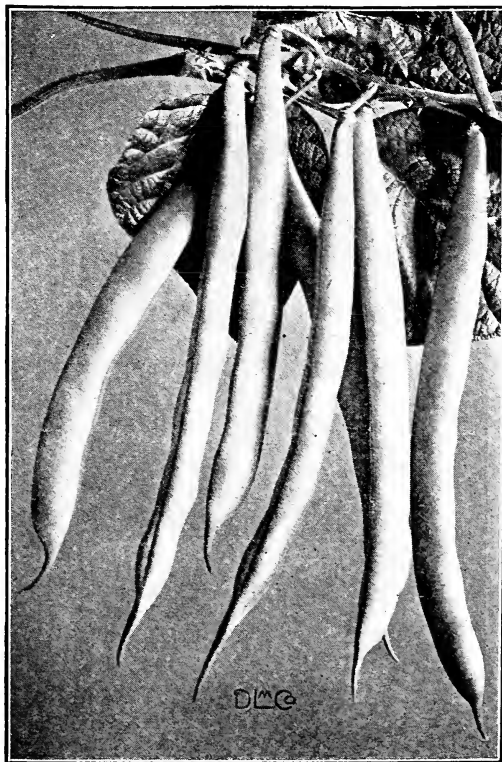
Currie's Rust-Proof Wax. This old favorite is as nearly rust-proof as any of the wax-podded sorts. Vines are very vigorous, quite prolific and extremely hardy. Pods are flat; make an elegant appearance in the basket or on the market stall. Very early. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Davis' Kidney Wax. Bears a profusion of long, straight, waxy white colored pods. It is also one of the best shippers. Dry beans are pure white. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

Golden-Eyed Wax. Very early, hardy and prolific, with flat, yellow pods, free from rust. A most desirable and popular sort. Quite a favorite with market gardeners. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Improved Black Wax. Early and prolific. Pods round, full, stringless, and of fine quality. A great improvement on the old Black Wax; the vines are very prolific and the beans are of very good quality, continuing for a long time fit for use. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Pencil Pod Wax. Grows long, yellow, straight pods, nearly round and very fleshy; entirely stringless. Pods grow from 5 to 7 inches in length; plant about 15 to 18 inches in height, with heavy foliage, and produces pods in great abundance. Sure to please. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.



Noll's California Rust-Proof Wax Bean

If Beans are ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges

BEANS—Continued

Improved Golden Wax. An old standard variety, but still a great favorite; early; pods long, flat, and stringless. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.50.

Round Pod Kidney Wax. A very fine round-pod variety, entirely stringless; in habit similar to Wardwell's Wax except pods are round instead of flat. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

Wardwell's Kidney Wax. This is one of the very best of the old standard varieties and has been planted in all sections of the country with entire satisfaction. Yields an abundance of long, yellow, nearly straight pods. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

Noll's Golden Queen Wax. Produces enormous pods. A variety that will be more largely planted as it becomes better known. Good flavor; very desirable for home use. One of the very best shippers; pods are tender and stringless if picked when young. A most productive and profitable variety for market gardeners. Pkt. 10c., pt. 20c., qt. 40c., pk. \$2.50, bus. \$9.00.

Hodson Long-Pod Wax. This Bean has sprung into popular favor on account of its enormous productiveness. An excellent shipper. Rather late in maturing, but of remarkable vigor and free from blight or other diseases. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

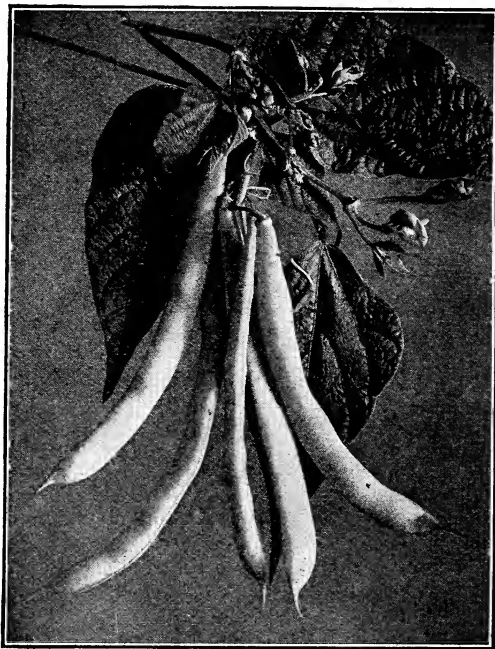
BUSH LIMA BEANS

Culture.—Plant in drills 2 to 3 feet apart; drop the beans 3 to 4 inches apart in the rows, cover about 1½ inches deep. They can also be planted in hills; make the hills 3 feet apart one way and 2 feet apart the other. Cultivate often.

Noll's Ideal Potato Bush Lima The very
best of the Bush Limas; a money-maker for the market gardener; unequaled for home use. This



Dreer's Bush Lima Bean



Noll's Golden Queen Wax Bean

is similar to our Potato Pole Lima, except that it is a dwarf or bush variety and requires no poles. Plants grow 12 to 18 inches in height; of bush form; pods short and thick; very prolific. Pkt. 15c., pt. 30c., qt. 50c., pk. \$3.00, bus. \$11.00.

Burpee's Bush Lima. The largest of all the Bush Limas, as large as many of the pole varieties. Plants grow 20 to 24 inches in height and produce an enormous number of well-filled pods. The eating qualities are of the very best. The demand for this Bean is larger each year and supply is often exhausted before the season is over. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.50, bus. \$9.00.

Burpee's Improved Bush Lima. Claimed to be superior to the old standard Burpee's Bush Lima. Growth more vigorous with heavier foliage; matures 16 days earlier. Beans are larger and of better quality. Earliest of the large Bush Limas. Vines are very prolific. Pkt. 15c., pt. 30c., qt. 50c., pk. \$3.50, bus. \$12.50.

Dreer's Bush Lima. This is the dwarf form of Dreer's, or Challenger Pole Lima; it is very similar in shape to that popular variety. Pods are thick. Beans very meaty and of fine flavor. Pkt. 10c., pt. 25c., qt. 45c., pk. \$2.75, bus. \$10.00.

Fordhook Bush Lima. A Bean of exceptional merit. This new Bean is bound to be one of the most popular of all the Bush Limas. The bushes average 25 to 30 inches in height, stand up very erect; pods are very large, averaging 4 beans each, beans thick and meaty. This is the most prolific of all the Bush Limas. Pkt. 15c., pt. 30c., qt. 50c., pk. \$3.50, bus. \$12.50.

Henderson's Bush Lima. The earliest of all the Bush Limas; comes in ahead of all the Pole Limas; beans are small, but produced in great profusion. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

If Beans are ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges.

BEANS—Continued

LIMA BEANS, POLE

Culture.—Plant in settled warm weather. Set poles 3 to 4 feet apart and plant 4 or 5 beans about 2 inches deep around each pole. One quart of Limas for 100 poles and one pint of other varieties for 100 poles; one-half bushel per acre.

Noll's Potato Pole Lima This variety of Lima Beans is

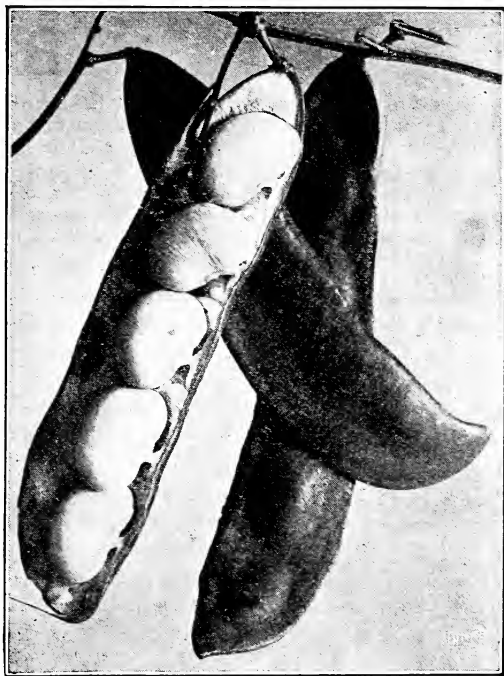
the best for the gardener to grow; shells out more quarts of beans to the bushel of pods than any other Lima we know of. The shelled beans of this variety are thick and chunky, very meaty, of most excellent flavor. Pods average about 4 inches in length, beans are crowded in the pods, always well filled. Pkt. 15c., pt. 30c., qt. 50c., pk. \$3.00, bus. \$11.00.

Dreer's Improved Lima. Called Challenger and Potato Lima. A very productive variety of Limas. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.50, bus. \$9.00.

Early Leviathan. This variety is about one week earlier than most varieties of Pole Lima Beans. Pods are borne in clusters, with 5 to 7 beans in a pod. A very good variety for the home garden. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

Extra Early Jersey Lima. The earliest Pole Lima Bean; good bearer and vigorous grower. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

Ford's Mammoth Podded Lima. The largest podded of all the Limas. Very productive; an excellent sort either green or dry. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.



Noll's Potato Pole Lima Bean



Pole Bean, Kentucky Wonder

King of the Garden Lima. Vigorous and productive. Produces an abundance of pods, 5 to 6 inches long, well filled with beans of very large size, quality first-class. This Bean is preferred by many private and market gardeners in preference to all other sorts. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

Large White Lima. The old favorite, universally grown for both family and market use. The large, flat, kidney-shaped Beans, shelled either green or dried, are tender and delicious when cooked. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

Siebert's Early Lima. One of the earliest large seeded. Pods about 5 inches long. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.50.

BEANS, POLE OR CLIMBING

Early Cluster Wax. The only Wax Pole Bean in cultivation. The large, flat pods are of a golden yellow and of excellent flavor. The dry seeds are thick and pure white. Pkt. 10c., pt. 25c., qt. 45c.

Horticultural, or Speckled Cranberry. An old popular variety, used largely in the New England States. Pkt. 10c., pt. 20c., qt. 30c., pk. \$2.00, bus. \$7.50.

Kentucky Wonder, or Old Homestead. Green pod. A very productive variety; pods long, produced in clusters full length of the pole. Stringless, of very best flavor. Pkt. 10c., pt. 20c., qt. 30c., pk. \$2.00, bus. \$7.00.

Lazy Wives Pole. Pods thick, very fleshy, broad and entirely stringless. A very desirable sort, either green or shelled. Dried beans are nearly round, pure white. Pkt. 10c., pt. 20c., qt. 30c., pk. \$2.25, bus. \$8.00.

Scarlet Runners. Ornamental as well as edible. Grows about 10 feet high, bearing large sprays of bright scarlet pea-like flowers. Pkt. 10c., pt. 25c., qt. 45c.

White Dutch Case-Knife. Early, very prolific, used as a Snap Bean when very young, as a Shelled Bean when matured. Pkt. 10c., pt. 20c., qt. 30c., pk. \$2.00, bus. \$7.00.

If Beans are ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges.

BEET

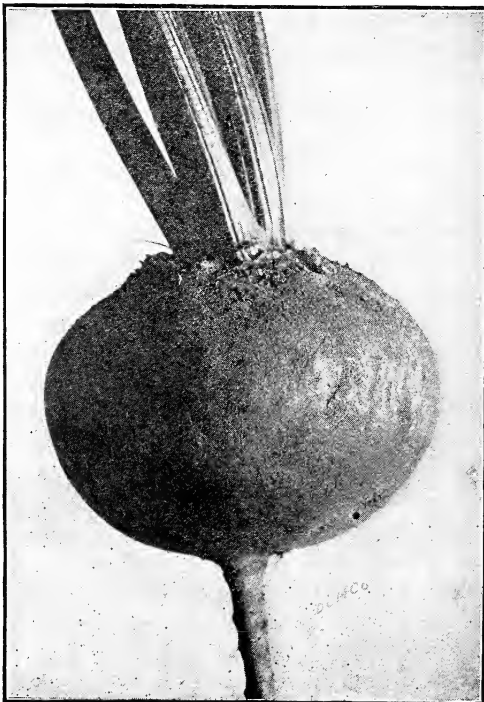
Culture.—If wanted very early, sow in hotbeds and transplant: For general use plant seed as early as ground can be nicely worked, usually about first of April. Sow in drills 1 foot apart, about 1 inch deep, and thin out to 2 inches apart in the rows. One ounce of seed to 50 feet of drill; 6 to 8 lbs. per acre.

Crimson Globe. As its name implies, a perfect globe-shaped Beet, dark blood red color, smooth skin, sweet and tender. This is the Beet brought out recently by one of the largest seed firms in England who claims it is a perfect sort for general use. Our stock comes from the originator. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Crosby's Improved Egyptian. A selection out of the well-known Egyptian variety, and is an excellent first early sort, uniform in shape, dark red in color. The tops are small, yet large enough to bunch easily. Next to our Nutting's Early Gem, we believe this is the earliest variety and one of the most satisfactory to grow. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Detroit Dark Red A fine strain of turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time; admirable for either Summer or Fall use. The roots are "real blood" color, smooth and uniformly round and never get "woody." The tops are dark colored and vigorous. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Dewing's Blood Turnip. This is one of the most desirable sorts for late planting. It is a good keeper and for Winter trenching it is unsurpassed. Grows a strong top and a root very dark red in color. The quality is very fine. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Noll's Superb Beet

Eclipse. Extremely early; highly recommended for the home garden; flesh bright red, zoned with white; shape nearly globular. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Edmand's Blood Turnip. A second-early variety of good flavor; small top, deep blood-red in color; an excellent keeper. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Egyptian Extra Early. An excellent forcing sort; round on top but flat on the bottom. It is considered to be the very earliest of all varieties; planted largely by market gardeners for their first Beets; can be planted close and gives good results. We offer a strain of this old and popular sort that we know will please the most critical. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Lentz Early Turnip. This is a great favorite with Philadelphia market gardeners; it is a very early variety, good shape, very smooth, of excellent flavor. Flesh alternate rings of light and dark red, but it cooks entirely red. Our stock of this variety has been grown for us by one of the largest and best market gardeners in this section. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Long Smooth Blood-Red. This is the popular late sort. A most excellent keeper, grows to good size, half out of ground, almost free from side roots, very dark color, sweet and tender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Noll's Superb Has taken the lead among early turnip-shaped Beets entirely by superior merit of everything pertaining to a Beet to make it a recognized leader. It is very early, indeed; it is 8 to 10 days ahead of any other early sort now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable; in fact, it is the smoothest Beet within our knowledge. The flesh is a rich, dark blood-red, tender, crisp, and deliciously sweet, besides having a very small top; is an ideal variety for bunching. We offered this Beet for the first time in 1910, and we were delighted by the favorable reports received, although we knew everyone would be delighted with its superiority. Will produce a good crop inside of 7 weeks from sowing. Is excellent as a forcing sort or as a main crop. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Nutting's Early Gem Without a peer as to shape, size, color and quality. Has satisfied the most critical and experienced gardeners who have pronounced it the "King of Beets" and we believe that the merits of this variety as a money-maker are unequaled. Its valuable features consist in its being very early, perfectly smooth, tender and sweet, dark in color, and does not crack as the old Egyptian and other early varieties. It produces roots of marketable size in shorter time than any other sort, which places it at the head of the list for growing in greenhouses, and if sown in July for a late crop will be ready for market quicker than any other sort. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



Detroit Dark Red Beet—See page 6

BEETS—Continued

Strasburg Half-Long. This is, in our opinion, the very best half-long Beet in cultivation; root is dark red, smooth and attractive in appearance; it is very sweet, tender and crisp. A very desirable sort for Winter or Spring use. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

SWISS CHARD

Is becoming more popular every year in this country and should be given a place in every garden. Grown for the leaves only and cooked like Spinach—by many it is considered superior. The mid-rib is often prepared the same as Asparagus. This delightful vegetable can be sown at different seasons, so that you can always have greens for boiling. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

MANGELS AND SUGAR BEET

Culture.—Sow in May or June in rows 18 inches apart and thin to 8 inches in the row. Cover seed about 1 inch and press soil firmly over it. Cultivate frequently so as to keep soil loose. One ounce of seed to 50 feet of drill, 6 to 8 pounds per acre.

Golden Tankard Mangel. Grows small top; flesh bright yellow, zoned with white; highly thought of among dairymen. It is medium early and a good cropper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Mammoth Long Red Mangel This is the largest of all the Mangels; grows to an enormous size and will yield more tons per acre than any other variety. This Mangel is planted more largely than any other. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.



Brussels Sprouts

Giant Half Sugar Rose.

White with a rosy top. Flesh is pure white, yields enormously; grows half out of ground and is easily harvested. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Vilmorin's Improved Sugar.

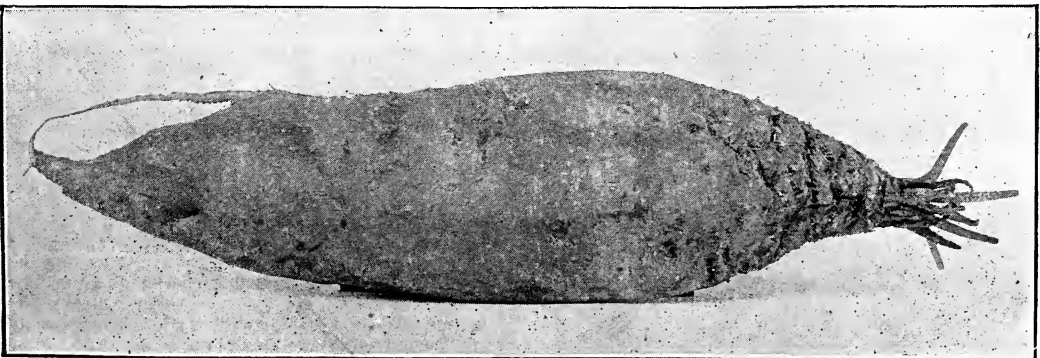
One of the best sugar sorts introduced. Very rich in sugar. Will do better on new lands than any other sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

BRUSSELS SPROUTS

Culture.—Practically the same as for Cabbage. For Fall use sow in early Spring, and in June for late crop. Set the plants in rows about $2\frac{1}{2}$ feet apart, and from 12 to 18 inches apart in the rows.

Half Dwarf Improved.

The best variety for the market gardener to grow. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Mammoth Long Red Mangel

CABBAGE

Culture.—Cabbage thrives best in a rich soil which is well drained. For early varieties plant seed in hotbeds in January or February. Transplant as early as ground is in good condition; set plants in rows 2½ feet apart, 18 inches between plants. For late crop sow in May or early June, in open ground in a cool, moist place and transplant when 4 to 6 inches high. One ounce of seed for 3000 to 4000 plants; 3 to 4 ounces per acre.

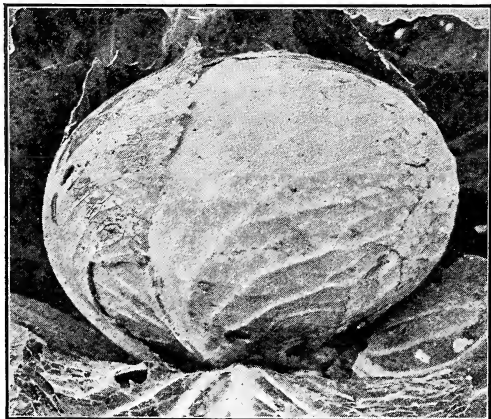
All-Head Early. A large, flat-headed early variety; comes in earlier than Early Summer, and is considerably larger. Heads are of good shape, uniform in size, very hard and heavy. All things considered, we believe that, after our Market Gardeners' Cabbage, this is the very best of the early sorts. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.

All Seasons. As its name implies, is good for Spring, Summer or Fall planting; gives universal satisfaction; a dependable Cabbage under all conditions. We are confident it will please our customers who want a good second early, round-headed sort. Stands heat and drought remarkably well. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Autumn King, or World Beater. A good variety for late planting; it grows a very large, solid head; leaves very close; head flattened, and of very good quality. Matures about same time as Late Flat Dutch. A very good variety for storing for Winter use. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Charleston Wakefield. This is larger but later than Jersey Wakefield. It is, however, an early Cabbage; heads are less pointed but solid. A very desirable variety to follow the extra early sorts. It is a good keeper, of excellent quality; a first-class shipper, and very popular in all sections where Cabbage is grown for market purposes. Pkt. 10c., oz. 30c., ¼ lb. 85c., lb. \$3.00.

Copenhagen Market This is without doubt the finest early round head Cabbage yet introduced. It is as early as the Large Wakefield and will produce more per acre. Grows on a short stem with very compact heads, having very few outer leaves. Customers who give this variety a trial will be delighted with this Cabbage. Pkt. 10c., oz. 75c., ¼ lb. \$2.00.



Danish Round Head Cabbage

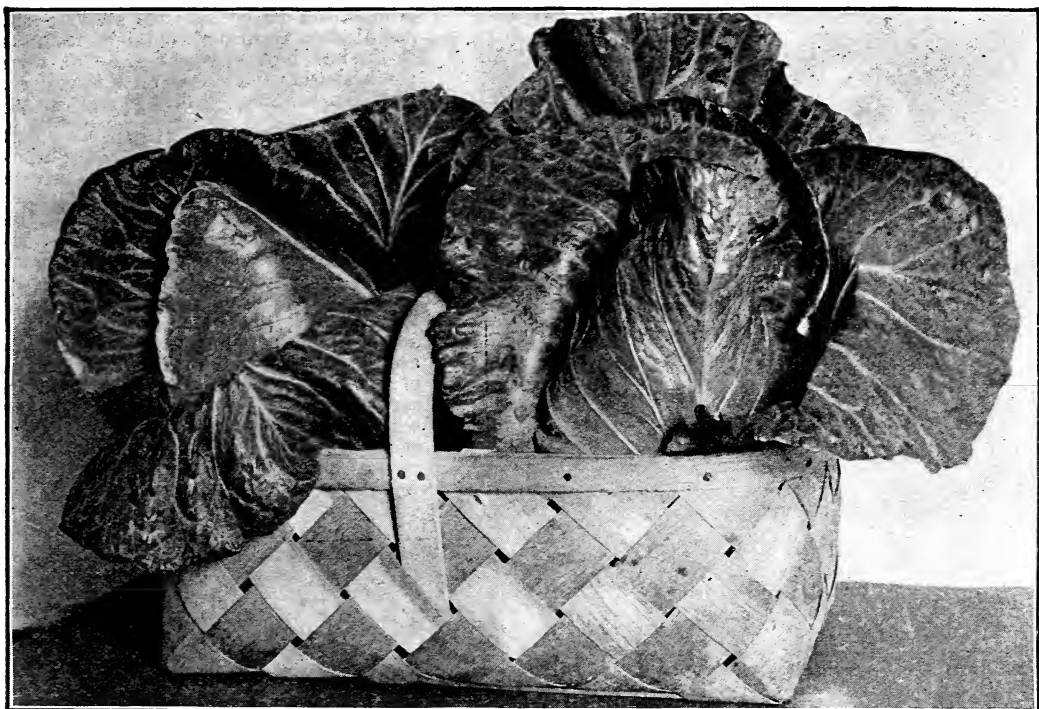


All-Head Early Cabbage

Danish Ball Head (Tall-stemmed). The great Winter keeper. In a great many Cabbage sections, particularly New York and Michigan, this is the only Cabbage planted for a Fall or Winter variety. Its keeping qualities cannot be surpassed. Plant very vigorous, compact, extremely hardy; heads very heavy, globe-shaped and, when stored for Winter or early use, keep perfectly. We offer a very choice strain of this most popular sort. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.00.

Danish Delicatesse A distinct variety of red Cabbage recently introduced and which we offered last year (1912) for the first time. We did not anticipate this new addition would create such entire satisfaction the first year, but, according to reports from customers, generally, who tried it last season, it has done splendidly and is sure to take a place ahead of the old types of red sorts. It is quite a distinct sort, producing a head somewhat pointed and grows very hard and firm. It is not subject to splitting like most sorts of red Cabbage. Color is very dark and it makes a good variety for the garden as well as for market. We anticipate a great many orders for this new variety the coming season due to the satisfaction it has given. Pkt. 10c., oz. 50c., ¼ lb. \$1.75, lb. \$5.00.

Danish Round Head (Short-stemmed). This variety is similar to the Danish Ball Head, but grows more compact and on a shorter stem. The heads are somewhat larger and are extremely hard and solid. Is one of the best keeping varieties originated and we can safely recommend it to our customers. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.00.



Early Jersey Wakefield Cabbage

CABBAGE—Continued

Danish Stonehead. This is another new introduction along the lines of the older types of Red Cabbage. Its points of merit are hard heading ability and dark color. The heads are very large and are of a very dark red color. The quality is exceedingly fine and we believe it will please the most critical. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Early Jersey Wakefield This is conceded to be the earliest and hardest heading of the conical or pointed headed sorts in cultivation. This variety for an early Cabbage is probably more largely planted than any other, both for home and market use. It grows a good-sized head, has few outer leaves and matures a crop in from 90 to 100 days. Quality is excellent. Our stock is grown on Long Island and cannot be surpassed in quality. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Early Spring. A good early flat-headed variety; it grows few outer leaves, so can be planted very close, thus producing large crops per acre. The heads are as large as many of the late varieties; they are very solid and compact and of the very best quality. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Early Summer. A popular variety in many sections; the heads are round and flattened, very solid and of very fine quality. It is a sure heading sort and can be planted for either private or market garden purposes, to very good advantage. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

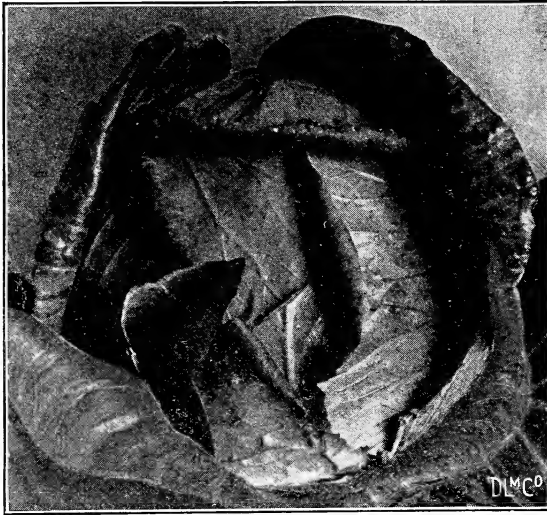
Early Winnigstadt. An old and popular variety, on account of its remarkable keeping qualities. It seems to stand drought and is affected less with insects and disease than many others. It has a conical head of good size and quality. It is an extra early variety of great merit. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Fottler's Brunswick. A very low-growing, flat-headed variety; the heads are large and solid and have few outer leaves; it is a desirable intermediate or late sort. This is an old but still very popular variety. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Glory of Enkhuizen. A fine, early globe-shaped Cabbage. Produces solid heads with few outer leaves, permitting of close planting. The color is a handsome dark green and it is a very good variety for the market gardener to grow as well as for the home garden. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Large Late Drumhead. A very popular late variety of the Flat Dutch type; of excellent quality; heads grow very large, are always solid and heavy; it grows a short stem. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Mammoth Red Rock. By far the best, largest and hardest heading Red Cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, very solid, and of deep red color inside as well as outside. We have a selected stock of this very popular and profitable red sort. This is much larger than Red Dutch and Red Polish. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.



Market Gardeners' Cabbage

CABBAGE—Continued

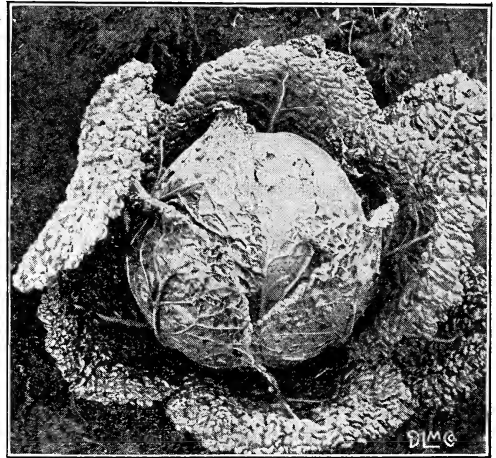
Market Gardeners' The best early flat-head Cabbage in existence. Quick growing, perfect type and a sure header. We particularly recommended this variety for the market gardener, trucker or private use. It is as perfect a Cabbage as can be obtained; handsome in color, fine in quality. Heads average 8 to 12 lbs. each. One of our Southern customers, who has grown Cabbage for over 30



Superb Late Flat Dutch Cabbage

years, writes us he has tried all varieties, and Market Gardeners' obtained from us is the best he has ever used. Our sales are increasing every year on this variety. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Noll's Perfection Savoy The best hard-heading variety. Market gardeners' private stock. This variety, the result of many years' careful selection, is certainly the perfection in the Savoys. It is unquestionably the best and most profitable strain to grow, being far superior to the ordinary imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well and retains its color. It is the best selling market variety of all the Savoys. The eating qualities of Savoy Cabbage are of the best. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.



Noll's Perfection Savoy Cabbage

Succession. A very popular Midsummer or second early variety of unquestionable merit; it matures after Early Summer, is larger and more solid. It stands heat and drought very well and never fails to mature a crop. One of the very best Cabbages for Summer use. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Superb Late Flat Dutch. The very best of the late varieties. Grows a very large, flat head of superior quality, of a bluish-green color, with few outer leaves, on a short stem. There are many strains of Late Flat Dutch Cabbage but we are very confident none will be found superior to our selected Long Island grown strain of this most excellent sort. No mistake can be made in planting this variety for late or Winter Cabbage. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Surehead. It gives the greatest satisfaction to private gardeners and truckers for a large, late, flat-headed sort of the general type of Large Late Flat Dutch. We have the genuine Long Island grown strain of this very popular sort. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

CARROT

Very Short Crop this Season

Culture.—Carrots give satisfactory results sown in any good garden soil if thoroughly and deeply worked; a sandy loam, well manured, is very desirable. For an early crop sow as early as the ground can be worked. For garden culture sow in rows 16 to 18 inches apart; for field culture 18 to 24 inches apart. Thin out to 2 to 3 inches apart in rows. Plant seed $\frac{1}{2}$ to 1 inch deep, care being taken to press the soil firmly over the seed. One ounce of seed to 100 feet of drill; 3 to 4 pounds per acre.

Chantenay Half-Long. One of the handsomest of all the Carrots, smooth, and of a rich orange color. A very desirable variety for the home garden. We have sold this variety for many years to the entire satisfaction of all who have planted it. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75

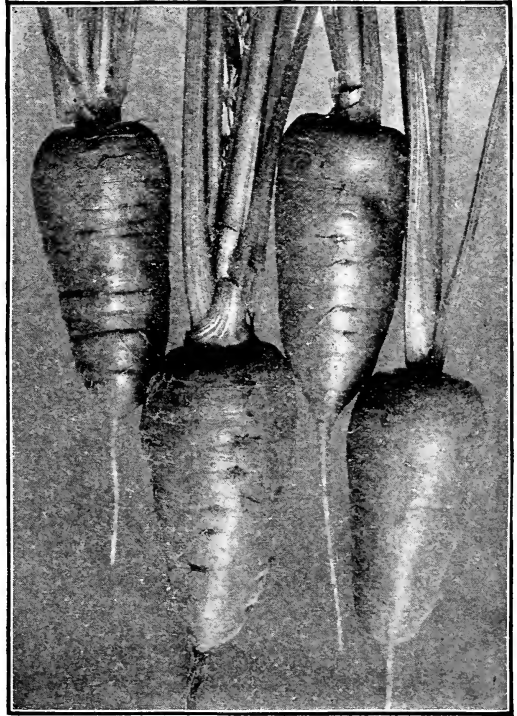
Danvers Half-Long. This is one of the greatest yielders of the Carrots; planted by many for both table use and stock feeding. It seems to do well in all sections and under all conditions. It is half-long in shape, perfectly smooth, with a stump root. Color dark orange; flesh sweet and tender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.35.

Half-Long Luc. A new sort very popular in France. A half-long stump-rooted sort; very heavy cropper; free from core; flesh tender, sweet and delicious; desirable either for market or home use. It is an enormous yielder and we can highly recommend it to any of our customers. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Long Orange. We have a very carefully selected strain of this variety, which is the best of all the long sorts. This Carrot is more largely planted than any other of the long varieties. It is very true as to shape and color; a good yielder; flesh deep orange color. A popular sort for the farm. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

New York Market. This is one of the handsomest Carrots ever produced. Type is half-long, stump-rooted, similar to the Danvers. It is a very heavy yielder. Roots are smooth, straight and free from roughness. Tops are small considering the size of roots. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Noll's Early Short-Top Forcing. (Half-long.) This is the best farm Carrot ever offered, and is also an excellent outdoor sort. It has a short top, is perfectly smooth and has a rich orange color. One important feature about this Carrot is that it has the color desired when it is quite small and does not crack open. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

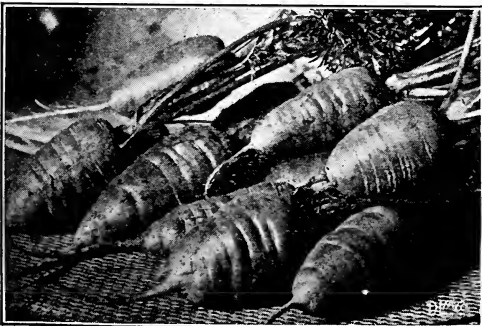


Rubicon Carrot

Oxheart, or Guerande. This Carrot runs 3 to 4 inches in diameter; short and thick; a most excellent table variety. The color and quality are all that can be desired. It is a great favorite with many of the market gardeners. We recommend this variety to anyone wishing to produce a short Carrot. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Rubicon, Half-Long The finest bunch Carrot in existence today. This is an entirely new and distinct American strain, finely shaped and of beautiful deep orange color. It grows without neck, and is hollow crowned. Being earlier than the Danvers, the leaves are one-third shorter, fewer and finer than in that well-known sort. It is excellent for growing under glass or outside, at any season of the year. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

White Belgian. The popular sort for stock feeding. Grows a foot long, standing about half out of the ground. Flesh is coarse and is only desirable for stock feeding. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.



New York Market Carrot

CAULIFLOWER

Culture.—Plant seed in hot beds in March or early in April and transplant to coldframes as soon as large enough to handle. Plant in the open ground as soon as danger of hard frost is past. Cauliflower delights in a very rich soil, and must be thoroughly cultivated. One ounce of seed will produce 3000 to 4000 plants.

Dry Weather. A drought-resisting variety. A success where many others fail. This we have found to give the utmost satisfaction to growers who are situated in a particularly dry location, where it is at its best. It will not do well when neglected or on poor soil, but given good cultivation will produce pure white, solid heads that are as large as our Superior Extra Early, but matures somewhat later. Will do with less water than any other known variety and will do equally as well if it has an abundance. This variety of Cauliflower is a treasure to those who before have not been able to cultivate this fine, delicious vegetable. Pkt. 15c., $\frac{1}{4}$ oz. \$1.00, oz. \$3.00, $\frac{1}{4}$ lb. \$11.00.

Early Snowball. Originally recommended and used as an early variety, but it has largely driven out the large late sorts for Fall use, being much finer in quality, and certain to head when conditions are ordinarily favorable, forming a perfect snow-white head, averaging not less than 8 inches and often attaining a size of 10 to 12 inches in diameter. It is one of the earliest of Cauliflowers. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during Winter and Spring it is well adapted, from its dwarf growth and short outer leaves. Pkt. 15c., oz. \$3.25, $\frac{1}{4}$ lb. \$12.00.

Extra Early Dwarf Erfurt. Extra Early Dwarf Erfurt is one of the very best varieties for field cultivation for either early or late, heading with great certainty under conditions at all congenial, producing extra large, deep, solid white "flowers." The plant is of large, sturdy, robust growth, having a strong frame with short, broad leaves which furnish ample protection to the "flower." This Cauliflower is of the finest quality. The heads are always clear, with even surface and without any leaf growing between. It is unsurpassed in appearance. For years we have held the bulk of the trade in sections where large fields of Cauliflower are grown for Eastern markets and almost entirely with this sort. Pkt. 15c., oz. \$3.00, $\frac{1}{4}$ lb. \$11.00.

Noll's Superior Extra Early The earliest and surest header of them all. In this strain of Cauliflower we feel we are offering our customers one that cannot be surpassed. It is extremely early and valuable for forcing under glass or for outdoor planting. It is very desirable not only on account of its extreme earliness and certainty to produce fine heads, but also for its beautiful color, being pure white, very heavy and of extra fine quality. It is a dwarf and compact sort, having short leaves and can be planted closer than most other varieties. Pkt. 20c., $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.



Noll's Superior Extra Early Cauliflower

CORN SALAD

Culture.—Plant during August or September in shallow drills about 1 foot apart; press ground firmly to insure good germination.

Broad-leaved (Large-seeded). Used during the Winter and Spring months as a substitute for Lettuce; can also be cooked like Spinach. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

CRESS

Culture.—Sow in drills about 12 to 16 inches apart, in rich ground; cultivate thoroughly. Plant early in Spring and repeat every week or 10 days for a succession. One ounce to 100 feet of drill.

Extra Curled, or Pepper Grass. Fine for salads; also used for garnishing. It has a very agreeable flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

CELERY

Culture.—Seed of Celery is frequently slow to germinate. Sow seed early in the Spring on soil that has been finely pulverized and just barely cover it. Keep it moist by frequent watering. When plants are 3 to 4 inches high, by clipping the tops you will make the plants much more stocky. Transplant in rows in shallow trenches in well manured land until ready to set out in the garden or truck patch, then plant in trenches, 3 to 4 feet apart, about 6 inches apart in the rows. Usually about middle of June to first of July is the best time to set out Celery plants. When nearly full grown start to bank up, by gathering the leaves together and drawing the soil around the plants about one-third up, and repeat in a few days until only the tops of the plant are to be seen. This is done for bleaching purposes. One ounce of seed for 5000 plants.

Golden Dwarf. An old standard variety, of good quality. Produces large, full stalks; blanches a good color; keeps well. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

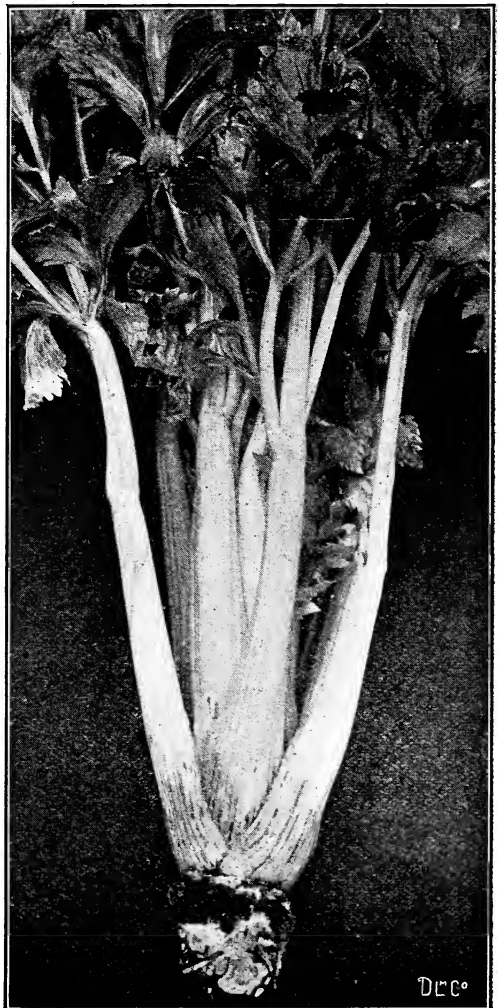
Golden Self-Blanching French grown, unsurpassed. We have been furnishing our customers this strain of Golden Self-Blanching Celery for a number of years and it is pronounced by one and all the finest strain they have ever seen. The color is a rich golden yellow, very solid and tender, flavor is delicious, has large heart, grows medium height, and is without doubt the best early Celery on the market. The demand for our strain of this variety is increasing every year and we advise our customers to order early, as supply is limited on account of short crop. We are confident you cannot obtain anywhere a strain of Golden Self-Blanching Celery superior to our own particular selected French-grown seed. Pkt. 15c., oz. \$1.75, $\frac{1}{4}$ lb. \$6.00.

Giant Pascal. A desirable late Fall or Winter variety, large stalk, of good nutty flavor. Blanches a good whitish color; is an excellent keeper; very popular in the South. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

New Rose. A red variety of good flavor; color a beautiful rose shade; excellent keeper; the best of the red or Rose Celeries. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Noll's Magnificent New long-keeping Celery. The best type of late or long-keeping Celery ever offered. We obtained our stock seed of this variety at a very high price from a large market gardener, who has been growing only this variety for twelve years and never before could be induced to part with any of his seed at any price. We immediately sent it to the best Celery grower in France to grow a crop for us, who reported he was very much pleased with it. It throws a small percentage of a larger or taller growing sort, which is also very good, and as the percentage is so small we consider it no drawback. We regard this the very best type of green Celery on the market today. It is late, of the finest quality, very full hearted, solid, crisp, and when bleached, of a golden-yellow color. A most excellent keeper. We recommend it to market gardeners as the money-maker in Celery. Pkt. 10c., oz. 65c., $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

Perfected White Plume A very popular early sort in many sections. It is of fine appearance, of good flavor and, for early use, a very desirable variety. As it fully matures the leaves turn white, requiring very little banking or earthing up to fit it for use. We have a very select strain of this variety, pronounced as nearly perfect as any on the market. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.25



Golden Self-Blanching Celery

All varieties of Celery we sell are French grown and you cannot purchase any better

CELERY—Continued

Winter Queen. A very popular Winter Celery. It is one of the very best keepers; has been taken out in good condition as late as April or May. It is very heavy, large hearted, of a sweet nutty flavor, so desirable in Celery. It makes a very attractive bunch and is a ready seller. For a late keeping variety, after Noll's Magnificent we think this is the best. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

CELERIAC, OR TURNIP-ROOTED CELERY

Large Smooth Dwarf Moonarchie

This strain is superior in many respects to the older varieties, as it is fine-grained, free from the side roots which are usually found on most varieties, has a short top and produces a large bulb or knob. It is of a fine quality and good keeper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Large Smooth Prague. One of the largest smooth skin varieties grown, exceptionally free from side roots. A very desirable sort for main crop; roots are almost globe shaped; flavor is of the best; we consider it one of the best of the Turnip-Rooted Celeries. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.



Large Smooth Dwarf Moonarchie Celeriac



Perfected White Plume Celery

CHERVIL

Curled. A very beautiful hardy annual, used for flavoring and garnishing; sown in Spring, ready for use in 6 or 8 weeks. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.10.

CHICORY

Large Rooted, or Coffee. The roots when dried are used as a substitute or adulterant for coffee. Sow early in Spring, in drills and thin to 6 inches in the rows. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

COLLARDS

True Georgia. Used as greens and for stock feeding. Sow in drills and thin out, to 2 or 3 feet apart in the row. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

FREE DELIVERY

We deliver free by mail or express, our option, all Vegetable or Flower Seeds by the packet, ounce, quarter-pound and pound unless otherwise quoted. We do not deliver Beans, Corn or Peas except in packets

SWEET CORN

Culture.—Thrives best on a rich, warm soil, sod land, or where Clover has been turned under. Plant after danger from frost is passed, in hills 3 x 3 feet apart, or for larger varieties 3 x 4 feet apart; drop 6 to 8 grains per hill and thin out to not over 3 stalks to the hill. Keep ground well cultivated. Plant at the rate of 1 quart for 200 hills, 6 to 8 quarts per acre.

EARLY VARIETIES

Black Mexican. The grain when dry is black. In an edible state is white and is without question the sweetest of all the early varieties. We consider it one of the best for family use. Grows a good fodder and a large ear. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.50.

Early Champion. A fine second or medium-early. Produces large and attractive ears, sweet, white and tender. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.50.

Early Mammoth. A very large-eared variety for an early Corn; quality good. Very popular with market gardeners. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.

Early Minnesota. An old standby, considered by many the best of the extra earlies. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.00.

Early Premo. Claimed by the originator to be the earliest of all. It is no doubt a most desirable sort among the first-early sorts. Large-sized ear of good quality. Pkt. 10c., pt. 20c., qt. 35c., pk. \$1.50, bus. \$4.50.

Early Red Cob Cory. One of the favorite extra-early sorts. Very dwarf, often two ears to the stalk. Matures in 65 to 70 days from planting. Quality good for such an early variety. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.00.

Early White Cob Cory. Very similar to the Red Cob Cory, excepting it has a white cob and white kernels. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.00.

Kendall's Early Giant. Ears large, having 10 to 12 rows, pure white, sweet, tender, and very prolific; matures as early if not earlier than any of the second-earlies. A very popular variety. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.50.

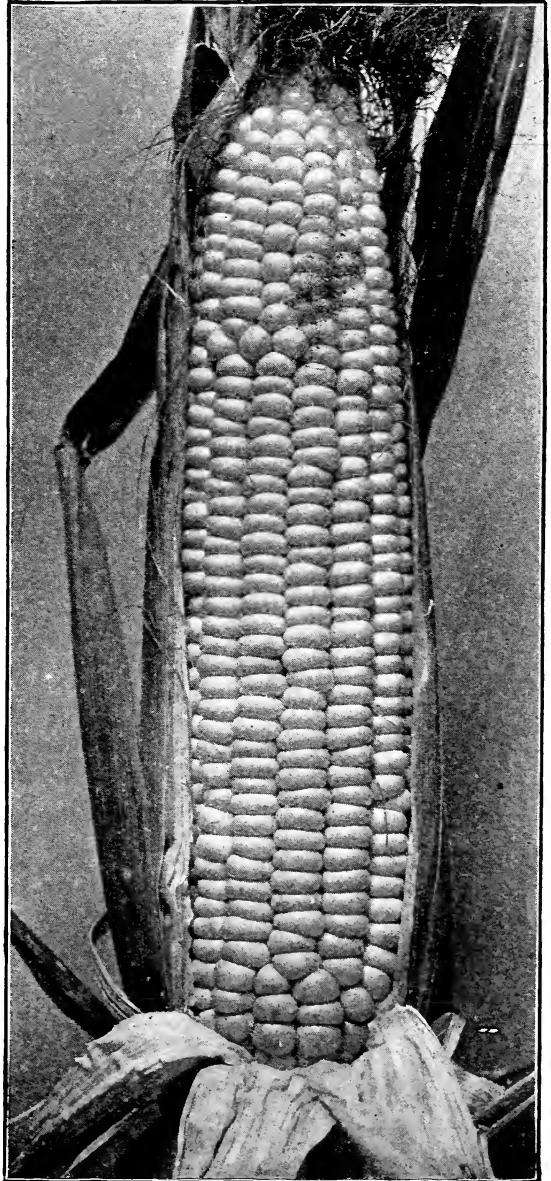
Metropolitan. A few days later than the Cory, ears larger and of better quality. One of the best extra-early sorts. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.50.

Noll's New Early We offered this variety last season (1912)

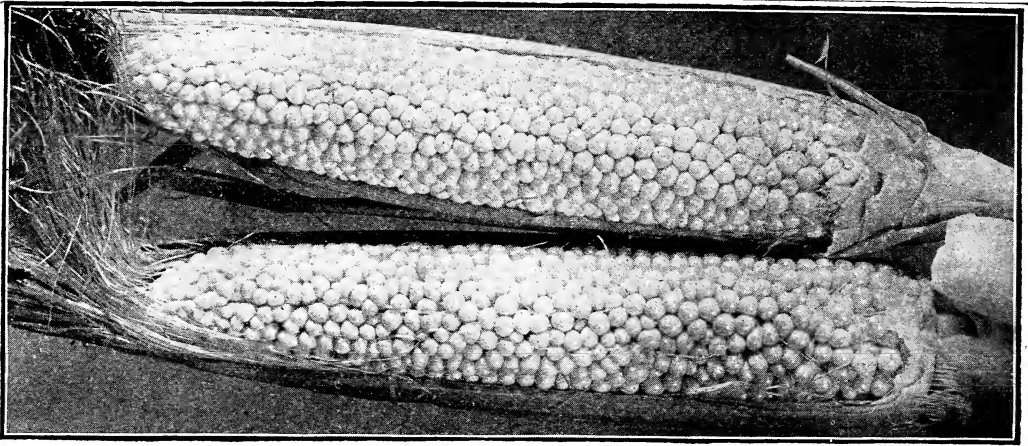
after two years' trial and we are very well pleased with the reports we have received from our customers who gave this variety a trial. They pronounce it one of the best early sorts they had ever planted and were amazed at the large ears and fine quality. This sort grows an ear 8 to 9 inches in length, having 2 or more ears on a stalk, which are from 5 to 6 feet tall. The ears are borne well up from the ground, and are covered with a heavy husk which acts as a good protection against insects, smut, etc. We suggest a trial order to those who have not given this sort a trial. Pkt. 20c., pt. 30c., qt. 50c., pk. \$1.75, bus. \$6.00.

If Corn is ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges.

Noll's Early Express The best extra-early Corn on the market. Good quality extra earliness and productiveness are combined in this new Corn. The earliest of all the true Sweet Corns. Good-sized ear for such an early sort; it is the first in market, therefore commands the very highest prices. Try this variety this year and surprise your neighbors. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.



Noll's New Early Corn—Half Actual Size



Country Gentleman or Shoe Peg Corn

CORN—MEDIUM AND LATE VARIETIES

Country Gentleman, or Shoe Peg. After Stowell's, this is the best of the late Corns. The ears are large and well filled with irregular grains which are very deep and of a sugary flavor. This is a very prolific variety, 2 to 3 ears frequently on one stalk. A very popular sort for hotel trade and fancy grocers, as well as for home use. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.

Golden Bantam. A variety of great merit. It is yellow in color but very sweet, ears are small, well filled out at ends. A very valuable variety for the home garden for first crop. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.00.

Late Mammoth. This grows, as its name implies, a mammoth ear, but of the best quality, sweet and very tender. It is planted in many sections as the best of the late sorts. We have had customers write: "The only fault with your late Mammoth Corn is, it grows ears too large." Fodder is very tall and heavy, grows frequently 8 feet high. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.

Long Island Beauty. A most prolific variety, quality extra good. One of the most desirable sorts for late planting. A great favorite with Long Island market growers; one of the ready sellers in the New York markets. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.

Moonarchie. About as late as Evergreen. Produces very large ears; very popular with our market garden trade. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.50.

Perry's Hybrid. A very popular second-early, producing good-sized, well filled ears of sweet and tender quality. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.00.

Stowell's Evergreen. We doubt if there is a seed catalogue published that does not contain this old and famous Corn. We have always taken great pride in our strain of Evergreen and feel we cannot recommend it too highly for the main crop, whether for market or home use. Ears are very large, very deep grains and remarkably sweet. It remains longer in a green state than any other. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.25.

White Evergreen. Claimed by the introducer to be superior to the old and reliable Stowell's Evergreen. Grain pure white, quality excellent, ears and fodder large. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.25, bus. \$4.50.

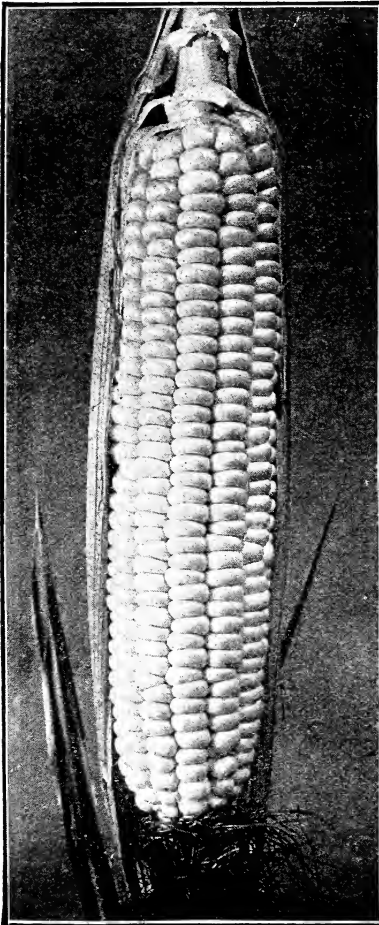
POP CORN

Queen's Golden. A very handsome yellow sort, pops pure white. Very large and excellent quality.

White Rice. This is the old standard variety. Kernels long and pointed and cannot be surpassed for parching. We recommend this sort as the very best.

Any of the above Pop Corns: Pkt. 10c., pt. 20c., qt. 35c., postpaid. By express or freight not prepaid: Qt. 25c., pk. \$1.25, bus. \$4.00.

If Corn is ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges



Stowell's Evergreen Corn

CUCUMBERS

Culture.—Plant in well enriched soil, using an abundance of well-rotted manure. Plant about 1 inch deep, in hills 4 to 6 feet apart each way, dropping 10 to 12 seeds per hill. When well up, thin out to 3 or 4 per hill. Cucumbers are subject to insect attacks, particularly the striped beetle; they usually attack them as soon as they appear above the soil. This can be prevented by dusting them with air-slacked lime, chimney soot or wood ashes mixed with fine dirt. Use 1 ounce of seed to 50 hills, 2 to 3 pounds per acre.

Boston Pickling. Used extensively in the Boston markets. A medium long variety, very prolific and early. A very good variety for pickling purposes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Chicago Pickling. A very prolific pickling sort but not quite as early as the Boston Pickling. Largely used around Chicago markets, where it is in great demand. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Cool and Crisp. A very early and prolific variety. Fruit is long and good shape, dark green in color; it shows knobs bearing spines more than most varieties. It is a good home variety as well as an attractive market sort. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Davis' Perfect This variety as it becomes better known is driving other sorts out of the market. We predict a great future for this sort. It is in color a glossy green; shape slim, symmetrical, with an average length of 10 to 12 inches. The quality is fine and of exceptionally good flavor. Another strong point of merit is its shipping qualities; it seems to hold its color and brittleness long after being cut. It is a very strong grower and is able to resist the Cucumber disease. This Cucumber can be used under glass as well as for growing out of doors. Claimed to cut from 30 to 50 per cent. more Cucumbers from the vines of this variety than any other. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Early Green Cluster. Very prolific, producing the fruits in clusters near the root of the vine.



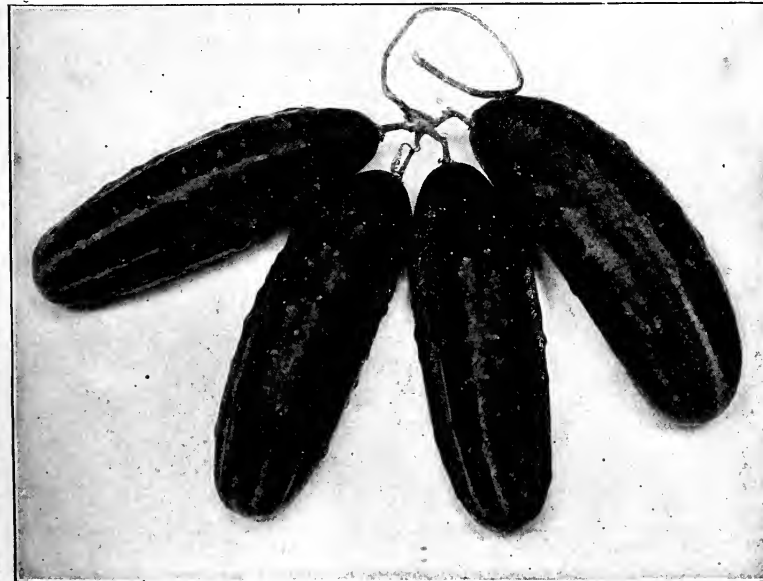
Davis' Perfect Cucumber

Fruit short and thicker at one end. If fruits are picked frequently, the vines continue to bear for a long season. It is a good pickling variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Evergreen White Spine. This variety grows fruit 10 to 12 inches in length and of rather large diameter. It is an early and vigorous grower. More blight-proof than any of the longer sorts. Color a dark green. In shape it is straight and smooth. A very good flavor, which makes it an excellent variety for home use as well as for the market. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Extra Early Green Prolific. A very desirable pickling sort, dark green in color, handsome and attractive. It is very early, extremely prolific; one of the best for pickles, as it grows of a very uniform size and shape. It is also a very desirable variety for early market use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Fordhook Famous. An extra long Cucumber of the White Spine family; it is smooth, straight and very handsome in appearance; skin is dark; flesh is a greenish white, very firm and crisp. It is very prolific; a good keeping and excellent shipping variety. We are very sure our customers will be pleased with this variety. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25



Early Green Cluster



Matchless Extra Early White Spine Cucumber

CUCUMBERS—Continued

Improved Arlington White Spine

This is one of the most popular sorts and is grown extensively in the Southern States for Northern markets. The fruits are very crisp and tender, of good color and appearance. Very prolific. As a shipper there are few varieties that can compare with it. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Improved Long Green

Dark green fruits about twelve inches long; firm flesh. An excellent variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Japanese Climbing. Can be grown on trellis, producing fruits of dark green color and good quality. This variety is a very desirable sort for growing where the space is limited, as it does better if grown on a pole or trellis than when grown on the ground. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Klondike. This valuable, medium-early White Spine variety is one of the best for slicing. The fruits are of a rich, dark green color, grow to a uniform size, measuring about 7 to 8 inches in length and 2 inches in diameter when ready for use. A good cropper and shipper. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

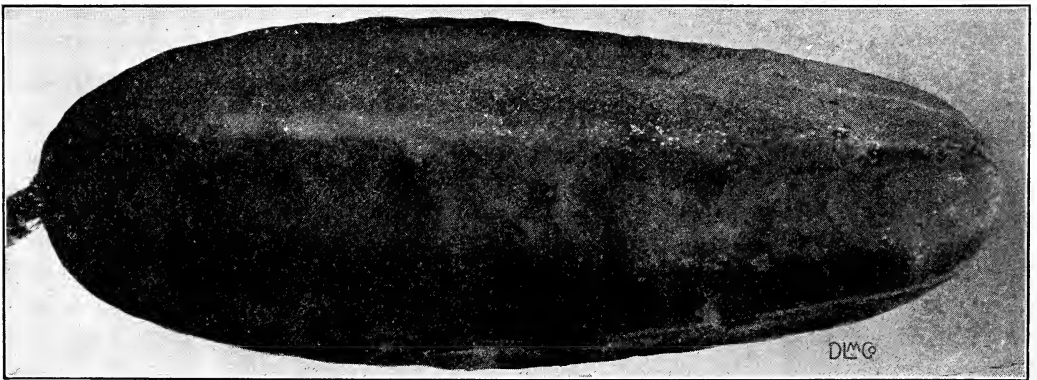
Matchless White Spine, Extra Early

This is a very fine type of the "Spine" family and is pronounced by many of our market gardener customers as one of the finest Cucumbers they can grow. It is extremely early and very prolific. It is longer than the Improved Arlington White Spine and is decidedly darker in color and equally as productive. It makes a very valuable Cucumber for shipping, arriving at the markets in prime condition. Fruits are very attractive, being 10 to 12 inches long; are solid and heavy. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Noll's Early Prolific White Spine

We consider this one of the finest strains of White Spine Cucumbers we have ever seen. Its points of merit are: Earliness, productiveness and attractive appearance. It is as early as the Early White Spine, but is a great deal darker in color, being a dark green with very little white at the tip end. It is wonderfully prolific and its attractive appearance makes it a ready seller. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

West India Gherkin. A small variety about 2 inches long, used exclusively for pickling; very productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Noll's Early Prolific White Spine Cucumber

My Corn crop, 1 acre planted between Strawberries, two stalks in a hill, yielded nearly 11,000 ears and the first sold for \$2.50 per hundred ears.
G. W. GARLICK, E. Longmeadow, Mass.

DANDELION

Culture.—Sow early in the Spring in rows 18 inches apart. When plants are well started thin out to 10 inches apart. One ounce to 200 feet drill.

Common, or French. The popular sort; makes most excellent greens; very healthful. A great improvement on the wild Dandelion. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

EGG PLANT

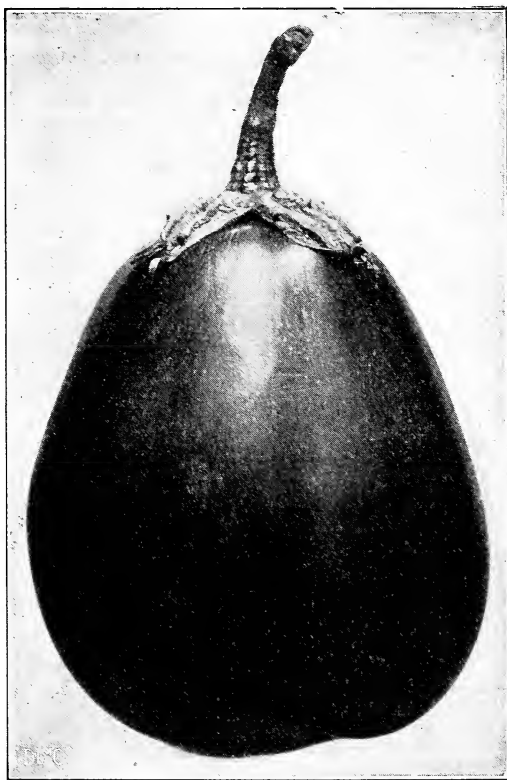
Culture.—Seed are of slow germination, require moderate amount of heat. Should be started in hotbeds and not checked after starting to grow. When 2 or 3 inches high they should be potted in 3-inch pots and not set out in the open until nights are warm. Plant in rich soil for best results. Plant about 3 feet apart and keep well watered. One ounce of seed will produce about 1000 plants.

Black Beauty. This new variety is an excellent market sort. It is about the same size and shape as the New York Improved, except a little fuller at the top; is a few days earlier and a heavier yielder. Its color is a rich purplish black, which it retains even after becoming dead ripe. True stock. Pkt. 10c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

New Jersey Improved Large. Smooth stem, dark purple.

Market gardeners and shippers will find this variety the best in cultivation. The habit of the plant is low and branching, and it is quite free from spines. Leaves of a light green shade. Fruit early, very large, oval and of a fine deep purple. Flesh very white, tender and of superior quality. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

New York Improved Spineless Purple. A very popular variety in many locations. Fruit is large, entirely free from thorns or spines, of very good purple color. An old, well-tried variety and until the Black Beauty and New Jersey Improved were introduced, more largely planted than any other. We have a very choice strain of this sort. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.



New Jersey Improved Egg Plant

ENDIVE

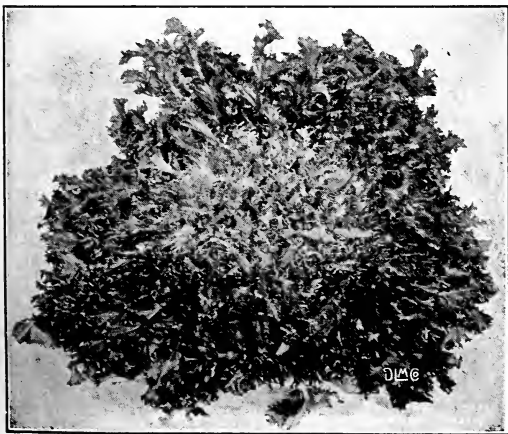
Culture.—Sow early in April for early crop but is usually used as a late Fall crop. Sow seed in June or July in drills 15 to 20 inches apart and thin out to 1 foot apart in the drills. To blanch the heart tie outer leaves together. One ounce to 150 feet of drill.

Broad-Leaved Batavian (Escarolle). Has broad, thick, slightly wrinkled leaves, forming a large head which is preferred for stews and soups; but if the leaves are gathered and tied at the top, the whole plant will blanch nicely and make an excellent salad. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Mammoth Green Curled. Noll's selected strain. This beautiful and valuable variety is much superior to the old Green Curled and grows 15 to 20 inches in diameter. The leaves are very crisp, tufty and full in every stage of growth. The mid-rib is pure white, very heavy, thick, fleshy and tender. It is equally suitable for Spring, Summer or Autumn planting, being extremely hardy. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Mammoth Green Bordeaux Curled

Very large, valuable new sort, attaining a diameter of 22 inches. Leaves beautifully curled, tender, of an attractive green color and blanches easily. The center is very close and full. Excellent late variety. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



Mammoth Green Bordeaux Curled Endive

KALE, OR BORECOLE

Culture.—Plant in early Spring for early crop; for late crop plant in August or September, in rows $2\frac{1}{2}$ feet apart, and thin to 5 to 10 inches apart in rows according to variety planted. One ounce of seed to 300 feet of row, 4 pounds per acre.

Early Blue Curled, Dwarf Siberian. A beautiful curled and crimped sort, of strong, vigorous habit, perfectly hardy, dark green color, and very attractive appearance. Superior to all other sorts and will stand longer without shooting to seed than any other. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

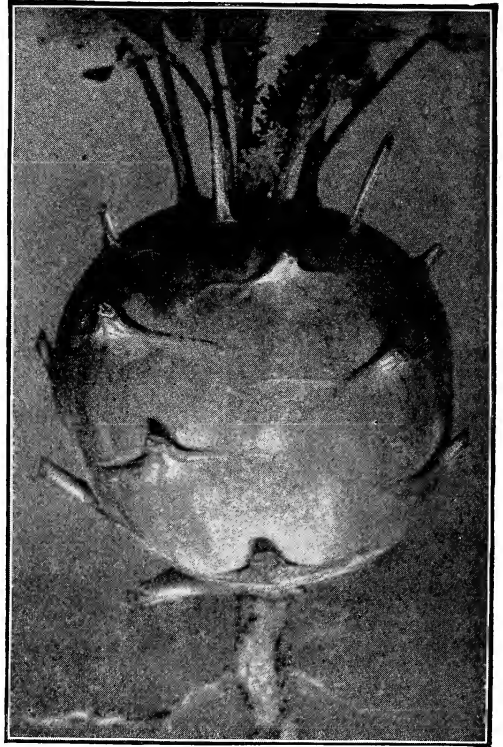
Norfolk Dwarf Green Curled Scotch

This is one of the best Kales for Spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy and will remain over Winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of a bright green color, beautifully curled and produced in great abundance. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

KOHL-RABI

Culture.—Sow seed in light, rich soil, early in the Spring, in drills 16 inches apart, and when well grown thin out to 8 to 10 inches apart in the rows. For Fall use plant latter part of July. One ounce of seed to 200 feet of drill.

New Smooth White Short-Leaved. Owing to the increasing demand for this popular European vegetable, many gardeners have added it to their crops. After several years' comparative tests we find this new sort decidedly the best for market and table use, being much superior to Vienna. It is very early and best for forcing,

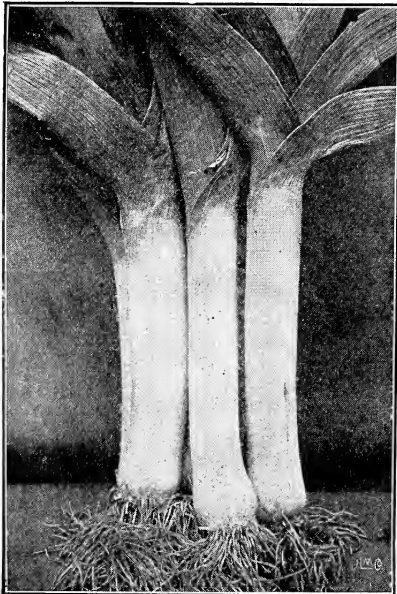


New Smooth White Short-Leaved Kohl-Rabi

as well as for outside growth. Bulb is greenish white, good shape, smooth and of the very finest texture and quality. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Early White Vienna. Large, quick growing; greenish white skin and tender white flesh. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Early Purple Vienna. The outside color is purple; flesh white and delicate. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.



New Giant Italian Leek

LEEK

Culture.—Sow seed about same time as Onion. When plants are 2 to 3 inches high transplant into beds in rows 2 to 3 feet apart, plants 4 to 5 inches apart. One ounce of seed to 100 feet of row, 4 pounds per acre.

New Giant Italian Winter This is by far the best variety. It grows long and thick, and is unusually fine grained, tender and hardy. The foliage is of a dark, glossy green, keeps well and will yield double the quantity per acre of any other sort. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Improved American Flag. Selected stock. A good variety with light green leaves. It is not as thick as Giant Italian, but grows taller. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Musselburgh, or Scotch Champion. A large-growing, flat-leaved variety, immense stems 6 to 8 inches long. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

LETTUCE

Culture.—For general use sow in hotbeds in March. When about 3 inches high transplant into boxes to harden off, then plant in rows, allowing from 6 inches to 1 foot between plants, according to variety planted. For Winter use sow under glass from October to February and thin out to allow plenty of room between plants. Keep moderately warm, give light and air. One ounce of seed will produce from 2000 to 2500 plants.

HEADING VARIETIES

Big Boston Probably better known and more largely planted than any other variety. Very solid with broad leaves; the best for outdoor or for forcing. Color light green, very attractive. We have made a specialty of this variety and have a stock of this most desirable and popular Lettuce that cannot be surpassed. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

California Cream Butter. Forms large, solid heads, leaves marked with reddish brown. The quality of this Lettuce is hard to beat. A great favorite in many sections. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

California Giant White For Spring or Fall use. Makes heads large, compact, crisp and white. Every plant heads, and the heads are uniformly shaped. They measure about 7 inches across the solid head. The leaves are slightly crumpled, of a beautiful white color. It has an attractive appearance. Unsurpassed for growing in low temperatures. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Deacon. Largely used for coldframes. Heads solid, rich and good quality; light green color. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Hanson. A favorite variety for the family garden. Is very sweet, tender and crisp, has few outer leaves, very slow to run to seed. We recommend this variety to the private planter as one of the most desirable sorts. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Iceberg. A large, hard-heading, curled variety, always crisp and tender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

King of the Garden

This variety is indeed worthy of its name and we believe it is the finest we can offer our market gardeners and friends for early Spring or Fall planting. The leaves are smooth and of

a beautiful light green color, which makes it a ready seller. It is the largest hard-heading variety we know of and we cannot recommend it too highly. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.25.

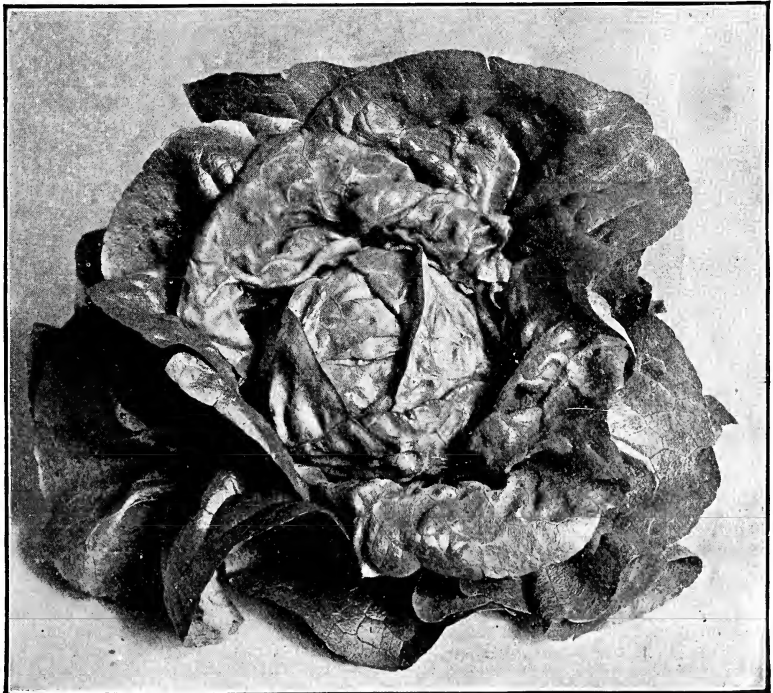
Mammoth Black-Seeded Butter. Produces enormous heads but very crisp and tender. A good sort for Spring or Fall planting. Our orders for this variety are increasing each year. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Mammoth Salamander. Very popular for Summer use. It grows a large head and is very slow to run to seed. It is very tender and crisp, very nearly white in the heart. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

May King. This early, hard-heading sort is considered by many to be the very best of the earlies. It forms a compact head, light green in color, of superior quality. It is also recommended as a forcing variety, having proved itself adapted for indoor as well as outdoor culture. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Mignonette. A solid header, blanching white, tender, crisp and sweet. Well adapted for sowing all the season and in every locality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Oak-leaved. A medium early variety, hardy and crisp. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

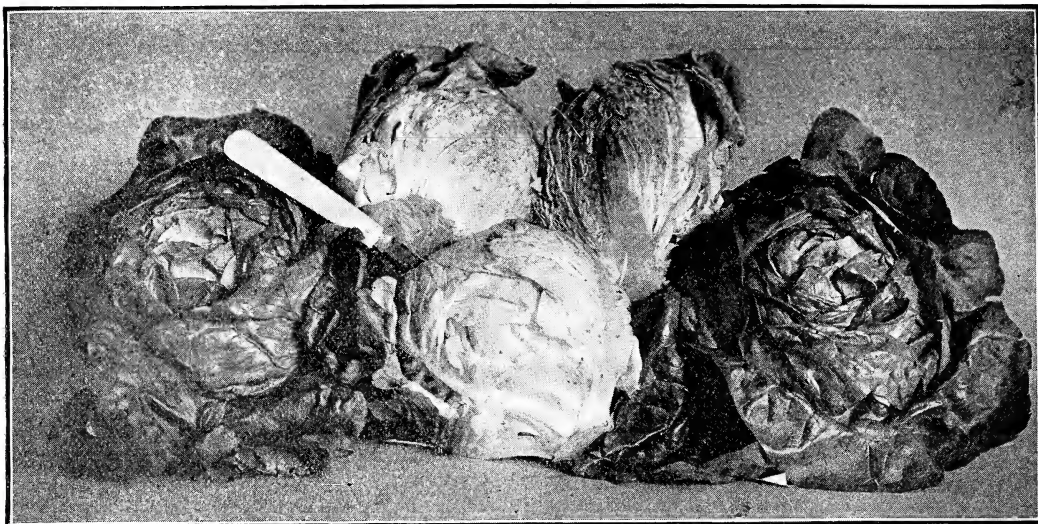


Big Boston Lettuce

**We Make
Lettuce a Specialty**

**Try Noll's Champion
Of All**

See page 22



Noll's Champion Of All Lettuce

LETTUCE—Continued

Noll's Champion Of All This variety is very popular today on account of its many good qualities. Admirable for Spring and Fall planting. Produces large, very solid heads, of a fine light green color. A very good shipper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

New York. One of the finest Summer sorts, producing immense, solid heads. Vigorous grower, deep rooted, resists hot weather and is very slow to run to seed. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Philadelphia Dutch Speckled Butter. This Lettuce is largely planted in coldframes and many gardeners and truckers claim it is the best of all for this purpose. Forms large, solid heads, sweet and tender; outer leaves are dotted with brown. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

St. Louis Market. This forms a fine, large head,

crisp and tender, very slow to run to seed. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Noll's Twentieth Century This variety is one of the

best sorts for Summer use, as its tendencies for resisting heat and drought make it well adapted for this purpose. It is larger than Salamander, stands more heat and is a finer color. Is sure to please every market gardener and is a fine variety for the home garden as well. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Yellow-Seeded Butter. A distinct yellow-headed sort, of good quality and fine appearance. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

LOOSE-LEAF VARIETIES

Black-Seeded Simpson. A large, loose-leaf variety; one of the oldest and best of this class. Remains a long time fit for use. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Early Curled Simpson. Very early, largely used for coldframes; does not form a solid head. Popular in the New York markets. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Grand Rapids. The popular greenhouse forcing Lettuce. This loose-leaf variety is used very extensively as a forcing sort. It stands up well, forms a large cluster of loose leaves, bright green in color, slightly crinkled. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Prizehead. A large clustering Lettuce, and most excellent for the home garden. Leaves finely curled and crumpled, bright green tinged with brownish red, very crisp, tender and sweet. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

COS, or ROMAINE

Trianon Self-Closing. Cos Lettuce is becoming more popular in this country every year. Leaves long and narrow, very crisp and tender; flavor most delicious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



Noll's Twentieth Century Lettuce

The 20th Century Lettuce did well, 500 boxes on one acre sowed between Celery. I will no doubt want as many seed for next year.

G. W. GARLICK, E. Longmeadow, Mass.

MUSKMELON, or CANTALOUPE

Culture.—Plant seed in hills 5 to 6 feet apart each way, 8 to 10 seeds per hill, after danger from frost is past. After plants are well up, thin to 4 to the hill; keep them well cultivated until the runners are so long they cannot be hoed or cultivated. The quality of Muskmelons is affected very much by weather conditions. Melon vines are subject to attack from the striped beetle; frequent dusting with air-slacked lime, wood ashes or soot, diluted with fine soil, will act as a good exterminator; be careful not to use until mixed with soil.

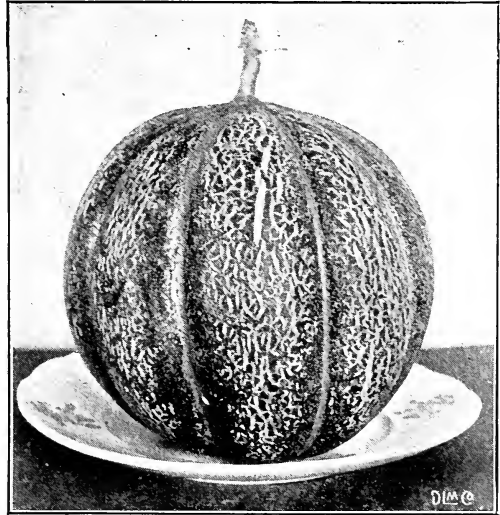
Baltimore, or Acme. One of the good green-fleshed sorts. Fruit is of medium size, oval, slightly pointed at stem end. It is quite early, deeply netted, a good shipper, excellent eating. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.15.

Burrell's Gem. Originated in Rocky Ford, Colorado, the home of the celebrated Rocky Ford Melons. This is very similar to Rocky Ford, excepting it has a yellow or salmon-colored flesh instead of the green flesh. It grows to a very desirable size, is closely netted, slightly ribbed, with a dark green skin. The flavor is all that can be desired; very rich, sweet and tender. This Melon is an excellent shipper and one of the best yellow-fleshed varieties. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Emerald Gem A very popular salmon or orange-fleshed Melon. A medium-sized Melon, slightly flattened at the ends, very lightly netted and ribbed. Skin a dark green; flesh salmon yellow, of very fine quality. In the South and West this is the most popular of all the salmon-fleshed sorts. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Extra Early Hackensack. A distinct improvement on the old Hackensack or Turk's Cap. It is much earlier, fruit smaller and nearly round, flesh green, sweet and juicy. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Hackensack, or Turk's Cap. A large-fruited sort, with deep ribs, green flesh; a very old but still popular sort in many Melon districts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Emerald Gem Muskmelon

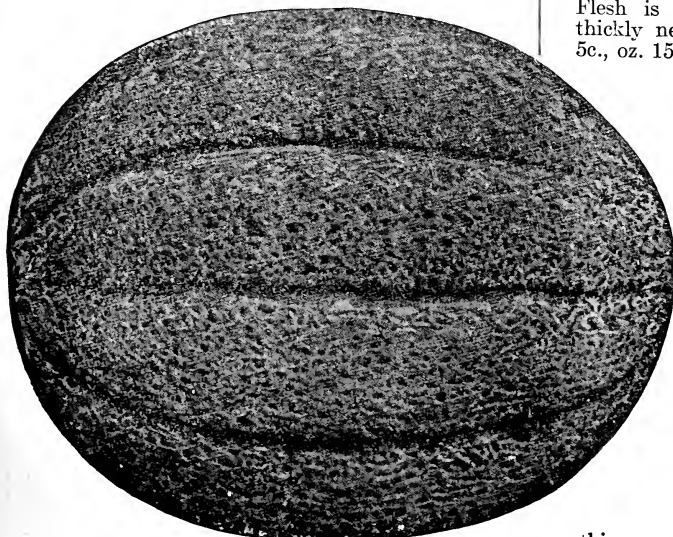
Jenny Lind. A small but very delicious Melon. Fruit flattened, slightly ribbed and extremely early; in fact, the earliest of all the Muskmelons. This old but still popular variety is largely planted in New Jersey for the Philadelphia and New York markets, and is always the first to be had. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.15.

Long Island Beauty. A Melon of the Hackensack type; one of the earliest of the large Melons. Flesh is green, of good quality. It is very thickly netted and a very good shipper. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Maryland Considered by our customers far superior to the very best strains of Rocky Ford. Earlier and more productive. It is 10 days earlier than the Rocky Ford, twice as productive and larger in size.

The vines are of a strong, healthy growth, branch freely, setting a large number of fruits close to the hill. The Melons are fine and regular in size and form, nearly round or slightly oval, and very closely netted. The skin is of a light golden hue when fully ripened. Flesh bright green, luscious in flavor, and ripens close to the skin. Customers who are fortunate enough to get some of this seed and who have been raising Rocky Ford Melons will not grow them again after once planting

this new strain. The stock is limited. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Maryland Muskmelon

MUSKMELONS—Continued

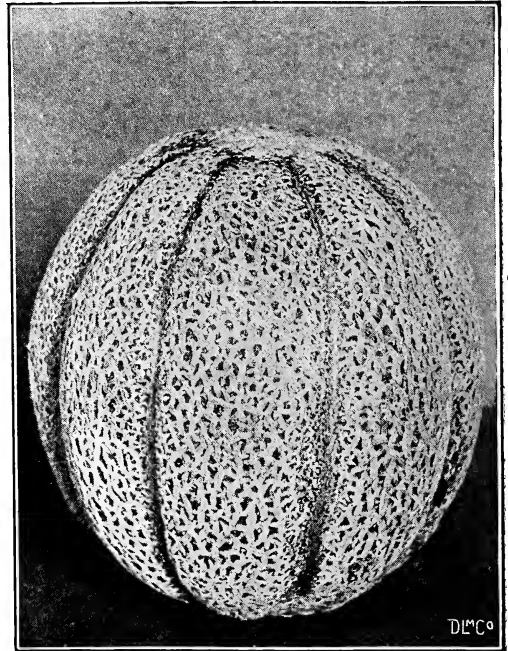
Noll's Golden Jersey The ideal orange-fleshed Rocky Ford or Netted Gem. We are confident that as soon as this Melon is better known it will take the place of all other orange-fleshed Melons, for the following reasons: Its splendid eating qualities, very thick flesh, small seed cavity, beautiful appearance in crate or basket or when on the table, and its prolificness. It is finely netted, a good shipper (can be shipped long distances, arriving in perfect condition), shaped like the Netted Gem or Rocky Ford. We recommend this variety as the best of all orange-fleshed Melons. We want all Melon growers to give this variety a trial, as we feel very sure it is the very best of all the orange-fleshed Melons on the market. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Norfolk Button. A sport from Jenny Lind. Very early, sweet and tender. It is popular on account of its superior qualities, its earliness, prolificness and good shipping properties. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Osage, or Miller's Cream. Another orange-fleshed sort, very good as a later Melon. It has a very small seed cavity, flesh is very thick and of good quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Paul Rose, or Petoskey. Salmon fleshed; a cross between Netted Gem and Osage; nearly oval in shape. A good shipper and of good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.15.

Rocky Ford, or Netted Gem The Melon that made Rocky Ford famous. The favorite green-fleshed shipping variety. Known well and favorably wherever Melons are grown; more largely planted and shipped in larger quantities than any other sort. Oval shape, covered entirely with fine netting, slightly ribbed. Flesh green, very thick, sweet and juicy. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Noll's Golden Jersey Muskmelon

Scarlet Masterpiece. Resembling Emerald Gem, except it is much larger. A very heavy cropper and excellent shipper. Orange flesh, sweet, tender and juicy. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Surprise, or Tip-Top. Round shaped, flesh thick, bright salmon, well ribbed, light yellow skin. Slightly netted. Early and a good shipper; fine flavor. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Rocky Ford Muskmelon

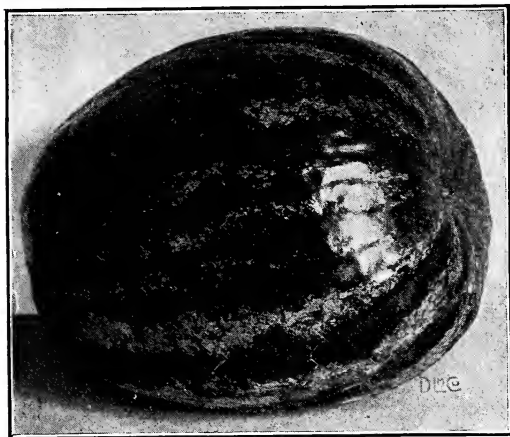
NOLL'S "Garden Guide"

CONTAINS all the information tending to a successful garden, and if requested, we will send it without charge on a cash order of one dollar. It is a practical summary of garden operations for the year round, and is full of useful hints for the amateur.

Price 25 cents post-paid.

WATERMELONS

Culture.—Plant in light, sandy soil, thoroughly enriched with well-rotted manure. Plant as soon as ground becomes thoroughly warm, in hills 8 feet apart each way, about 8 seeds per hill. When young plants attain their third or fourth leaf, thin out to 2 or 3 of the strongest in each hill. Keep well cultivated. Four ounces of seed to 100 hills, 4 pounds per acre.



Cuban Queen Watermelon

Alabama Sweet. One of the very longest Melons, popular in the South. Rind dark green, slightly striped; extensively grown for shipping to markets favoring long Melons. Flesh bright red, tender and crisp. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Black Boulder, or Black Diamond. Dark green, very tough rind; grows to large size, but is always of good eating quality; a favorite in some local markets. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cole's Early. A medium-sized dark green early Melon; flesh bright red; very good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Cuban Queen. This is another old standby. Grows to very large size; has mottled rind; a very fine shipper, prolific and profitable. Flesh is bright red, of luscious, sugary flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Dixie. A popular shipping Melon. Has a very tough rind, mottled light and dark green. Has for years been grown in very large quantities in the South for shipment to the Northern markets. Quality good; flesh red; very firm. An excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Duke Jones. Dark green with irregular lighter colored stripes; quite prolific, of good quality; dark red flesh. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Florida Favorite. Of large size, with mottled light and dark green rind; oblong in shape; has a thin but very firm rind; is an excellent shipper. Flesh bright red,

juicy and very tender. This Melon is very popular with many of the large Melon growers. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Georgia Rattlesnake, or Gypsy. A very old but still popular variety, on account of its sweet and very tender flesh. A favorite Southern Melon. Rind striped light and dark green. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Harris's Earliest The earliest and largest of all the early Melons.

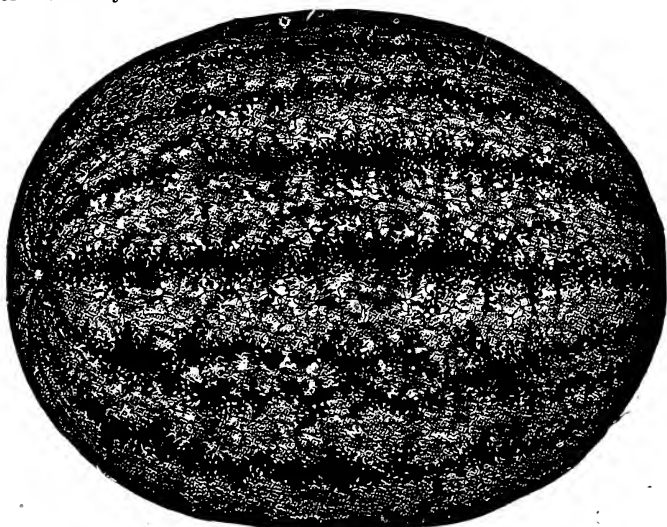
A very desirable variety for the North. We consider in this Melon we have the best of all early sorts. It is large, very sweet and tender, and one of the very best shippers we know of. Shape slightly oblong; skin is mottled green and white. We highly recommend this variety to our friends in the North, for it will ripen where other later sorts will not. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Ice Cream. Fruit long, of medium size; very light colored rind; seed white; flesh bright red; quality fine. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Kleckley Sweets, or Monte Cristo

Unequaled for the home patch or for nearby markets. Vine very productive; of the most luscious medium-sized oval Melons, with a dark green rind; flesh is bright red, sweet and tender. We do not recommend this variety for shipping as the rind is so tender it is liable to crack. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Kolb's Gem. A large-sized Melon, grown for shipping purposes very extensively. Rind is very tough; flesh red, sweet and tender, although a little coarse. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Harris's Earliest Watermelon

WATERMELON—Continued

Mammoth Ironclad. This very large mottled Melon is an old but still very popular sort. It has an exceedingly tough rind, and is therefore one of the very best shippers. The flesh is dark red, very firm but juicy and sweet. It is a fine keeper and Melons can be kept until late Fall in perfect condition. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

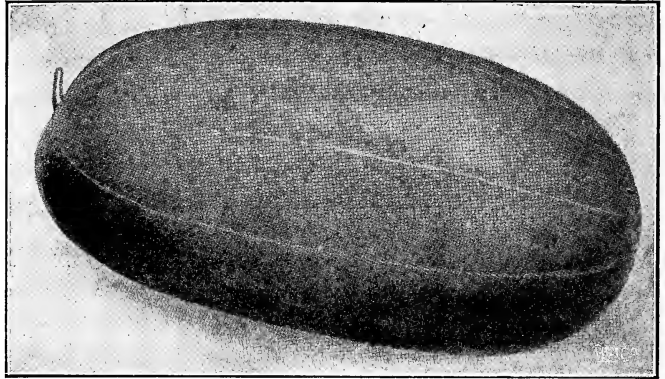
Sweetheart. A very popular shipping Melon, very productive, ripening very evenly. Fruit nearly oval in form, quite large, and very heavy. This Melon retains its good qualities longer than most others after ripening. Flesh red, firm and solid. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Tom Watson This Melon is of recent introduction and it is claimed to be one of the best for shipping purposes. The Melons attain large size, often measuring 24 inches in length and weighing 50 pounds or more. The rind is thin but tough. The flesh is a rich red and of fine quality. Color of skin, dark, mottled green. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

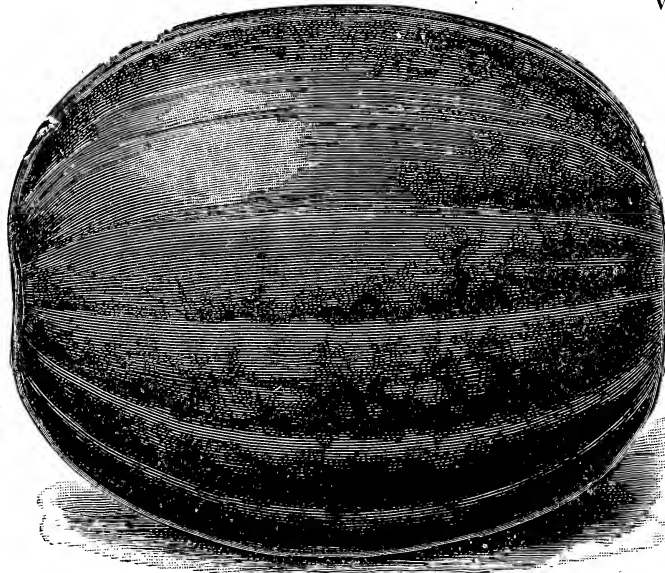
Wonderful, or McIver Sugar. One of the very sweetest of all the Melons. Grows to a medium size, always of good shape; has mottled rind; flesh red; seeds white; is very tender fleshed; a most excellent sort for home or market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

COLORADO PRESERVING CITRON

Planted only for preserving. Round striped fruit; flesh white and very solid; makes an excellent preserve. Can supply either red or green-seeded variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.



Kleckley Sweets Watermelon



Sweetheart Watermelon

MUSTARD

Culture.—Sow very early in Spring, in drills 18 inches apart. Cover seed half inch deep. Continue sowing about every 2 or 3 weeks, until Fall. In the South Mustard is sown in the Fall and used early the following Spring for early greens.

Southern Giant Curled. A crimped or frilled variety; produces large leaves; makes a very fine salad; flavor is all that can be desired. Plant in Fall for early Spring salad. A popular variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Fordhook Fancy. A beautiful variety, dark green in color. Foliage is very finely curled on edges. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

New Chinese. Larger than most varieties. Very tender and delicious. Plants are very vigorous; leaves are large and crimped; one of the very best for salad. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

White, or English. Large leaves, not so much crimped as other sorts; quite early. Oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

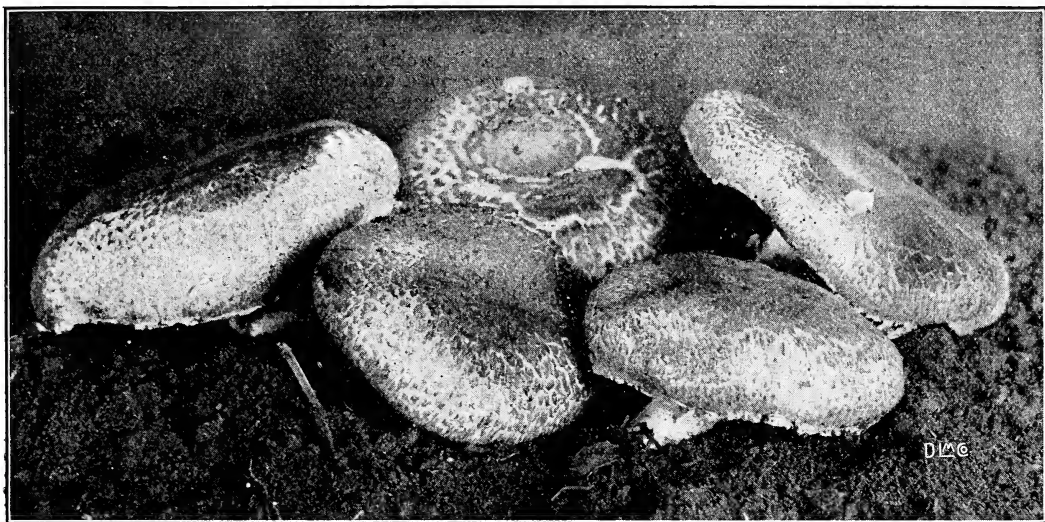
NASTURTIUM

Culture.—Sow in drills about 1 inch deep, early in Spring. One ounce of seed to 25 feet of row. Used as a flower; seed pods make a nice pickle.

Dwarf. Needs no sticks. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Tall. Should have sticks or trellis. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Do not fail to try
Noll's Superb Beet, Noll's
Superior Extra Early Cauli-
flower, Maryland Musk-
melon and Noll's New
Discovery Tomato



Mushrooms

MUSHROOMS

Culture directions sent with the Spawn. Can be grown in the cellar, under greenhouse benches, etc. One pound will plant 8 square feet of bed.

Pure Culture Brand. Produced in America by a special process. Considered to be the very best by most of the large growers. Mushroom growing is very interesting, as well as very profitable. It can be supplied in bricks only, weighing from 1 lb. to $1\frac{1}{4}$ lbs., 25c. per brick, 5 bricks \$1.00, 10 bricks \$1.75, 100 bricks \$16.00.

OKRA, or GUMBO

Culture.—Plant in May, in hills about 3 feet apart, 4 or 5 seeds per hill. When well established, thin out to 2 plants. One ounce to 100 feet of drill, 8 pounds per acre.

Dwarf Prolific. A dwarf but stocky type; long pods; very prolific. Pods are long, of a greenish white color; very thick and meaty. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Green. Produces long, slender, green pods; very tender. Grows taller than the Dwarf Prolific; bears in great profusion. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Perkin's Mammoth Long-Podded

A very large-podded variety, popular with canners and for home use. Quality very fine; plants extremely productive, of long, slender pods, which remain tender a long time. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White Velvet. A medium height plant, which produces a great abundance of smooth, white pods, of very attractive appearance. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Perkin's Mammoth Long-Podded Okra

ONIONS

Culture.—Onions delight in a rich loamy soil with a little clay, which should have been cultivated well for at least 2 years before planting the Onion. Have ground thoroughly cultivated, free from weeds and well fertilized. Plant in drills early in the Spring, about $\frac{1}{2}$ inch deep, and well rolled as soon as planted. One ounce to 100 feet of drill, 4 to 5 pounds per acre for large Onions. For sets, use from 60 to 70 pounds of seed per acre.

Early White Bunch. Used largely for pulling when young as a bunch Onion. If left to mature grows to good size; very showy. Pearly white skin. Flesh of good quality and a good keeper. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Extra Early Red. This is the earliest of all the red Onions. Flat in shape, has very small neck, a good keeper and of excellent quality. A good variety for the early crop. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

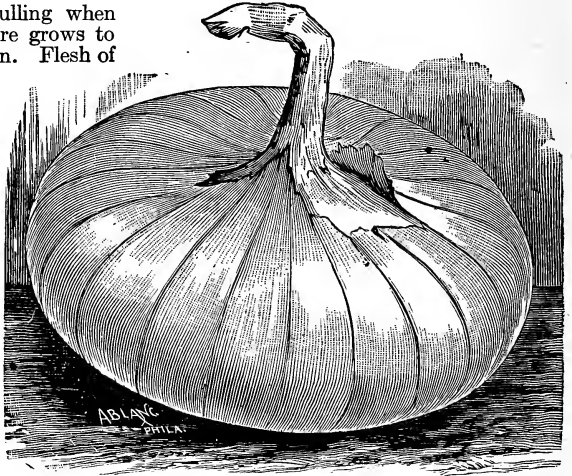
Early White Marzajola. Bulbs silvery white, flattened, with a fine neck and few leaves. Excellent for bunching. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Large Red Wethersfield. A favorite red variety; produces enormous crops, and where a red Onion of a flattened shape is desired it cannot be equaled. It is a fine keeper, bulbs of good size and very attractive appearance. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Mammoth Silver King, or Giant White Garganus

This Italian Onion is of very mild flavor, grows from 4 to 6 inches in diameter; a better keeper than most Italian sorts. Form is flattened, skin a silvery white. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.25.

Michigan, or Ohio Yellow Globe. A large yielder of nearly globe-shaped Onions. Grows to a good size; color a rich orange yellow; flesh



Mammoth Silver King Onion

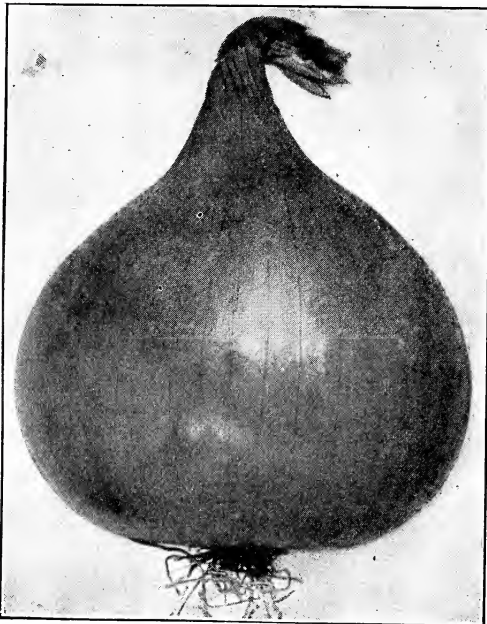
white and crisp. A very popular variety in many sections of the country. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Prizetaker The largest of all yellow Onions; resembles the large Spanish varieties, flesh sweet, tender and mild. This is, no doubt, the handsomest yellow Onion on the market. Grows to weigh 1 pound or more from the seed. Shape is nearly a globe. It is a bright straw color, has a small neck and matures early. It cannot be surpassed for home or market. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Southport Red Globe All of the Southport strains of Onion are very popular on account of their perfect globe shape, uniformity, productiveness and good keeping qualities. The Red Globe is of good size, has very small neck, fine deep red color; flesh is firm, white, mild and tender. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

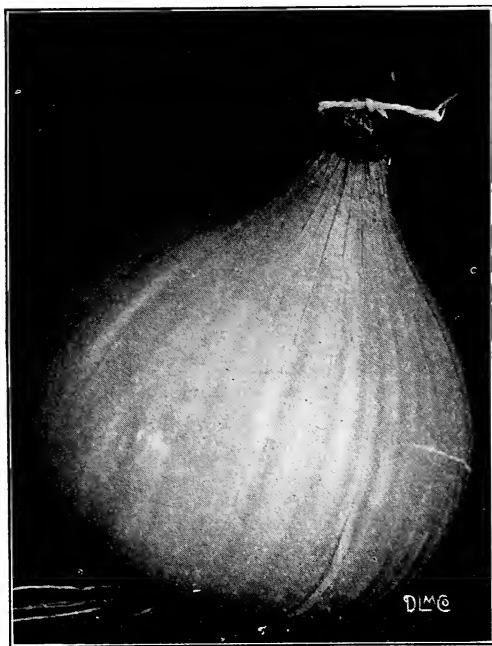
Southport Yellow Globe Similar to the Southport Red except in color of skin, which is a rich, clear yellow. The quality is very fine and it is a very good keeper. Grows a large bulb with short neck. The flesh is white, firm and mild. This sort is grown in almost every section of the country and always gives satisfaction. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Southport White Globe This variety is the most popular grown today. Same shape as the Southport Red, or Yellow Globe. Skin a silvery white, quality of flesh unsurpassed. Heavy cropper and good keeper. Our stock of this variety is grown by an expert Onion grower and can be depended on. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Prizetaker Onion

ONIONS—Continued



Southport White Globe Onion

White Barletta. A very early variety, used largely for pickling. The bulbs usually measure 1 to 1½ inches in diameter; color is a pure pearly white. Keeps well. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

White Portugal, or Silver Skin. This is the popular sort for growing Onion sets and is more in demand than any other variety for this purpose. The large Onions are flattened in shape, of a waxy white color; one of the best keepers; also very desirable as an early bunch Onion. We have a very fine and selected strain of this desirable Onion. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

White Queen. Another popular pickling sort. Skin white, flavor mild, matures extra early and keeps well. Bulbs about 1 to 2 inches in diameter. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

Yellow Dutch, or Strasburg. For sets, this variety cannot be surpassed. It is also popular as a market variety where a flat Onion is desired. It is a

good cropper, excellent keeper and of good quality. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.50.

Yellow Globe Danvers. A decided improvement on the ordinary strains of this famous Onion. It grows nearly globe shape, slightly flattened, has very small neck, a heavy yielder, of good keeping qualities; an Onion to be depended on in all climates. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.50.

Round Yellow Danvers This variety is similar to Yellow Globe Danvers, excepting it is a little more flattened. It is a good cropper; skin a good bright straw color. It is a favorite variety in many sections for planting for sets. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

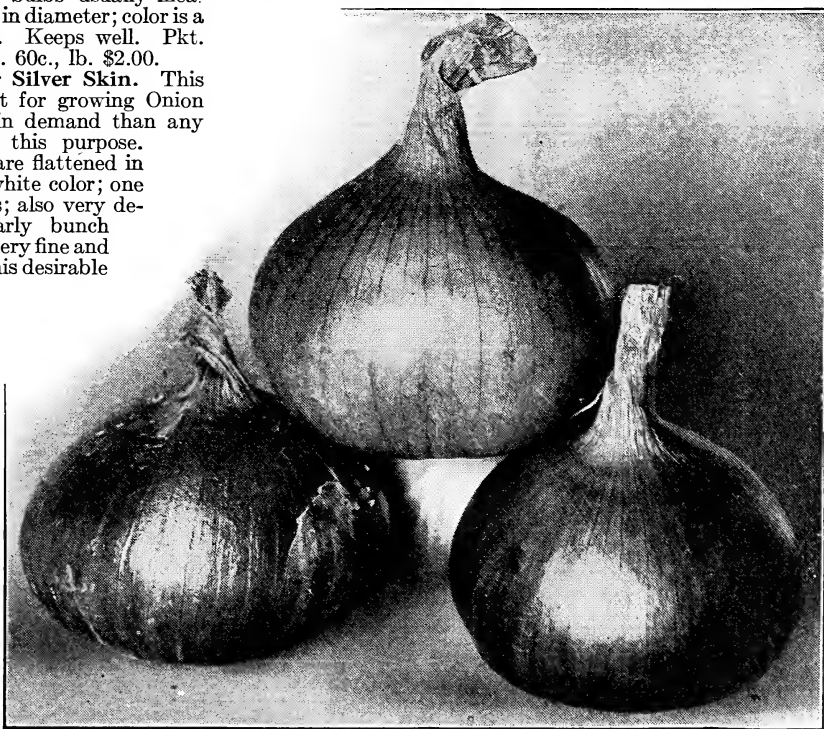
ONION SETS

One quart to 50 feet of row, 8 to 10 bushels per acre, according to size of sets. If by mail add 10 cents per qt., 50 cents per peck.

	Quart	4 quarts	Peck
Red.....	\$0.25	\$0.85	\$1.50
White.....	.30	1.00	1.75
Yellow.....	.25	.85	1.50
Potato Onions.....	.25	.85	1.50
Shallots.....	.25	.85	1.50
Egyptian Onions...	.25	.85	1.50

Book my order for 100 bushels Yellow Onion Sets. Your seeds have always proven satisfactory, so please do the best you can for me.

E. L. EVERETT, Norfolk, Va.



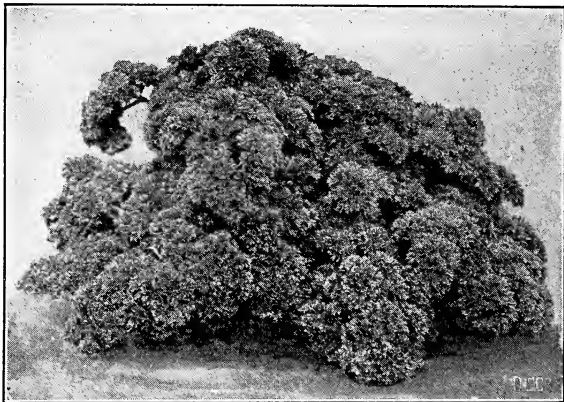
Yellow Globe Danvers Onion

PARSLEY

Culture.—Seed of Parsley will sometimes remain in the ground 3 to 6 weeks before germinating; so should be sown very early in the Spring. Plant in rows 1 to 2 feet apart; when well up thin to 8 to 10 inches apart in the rows. Frequent cutting improves the growth and quality. One ounce to 150 feet of drill, 3 to 4 pounds per acre.

Champion Moss Curled. After our selected double curled, this is the best. Grows to good size, dark color, densely curled; a very popular variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Hamburg, or Parsnip Rooted. The roots of this variety are used largely for flavoring purposes; resemble small Parsnips. Flesh white and of fine flavor. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.



Noll's Selected Extra Double Curled Parsley

Noll's Selected Extra Double Curled

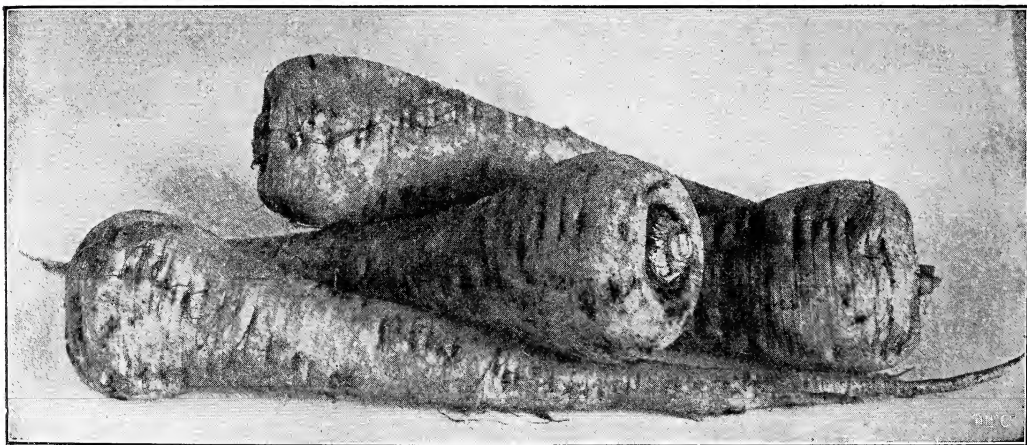
A superb extra curled sort. The best for all purposes, home or market. This strain is of free growth, beautifully curled, and is, we think, as near perfection as can be obtained. The leaves are very dark green, very large, suitable for open ground or for frame culture. Withstands heat and drought better than any other. It is enormously prolific, a sure money-maker for the market gardener. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

PARSNIP

Culture.—Sow seed early in Spring, in rows 2 to 3 feet apart, in deep, rich, light soil; cover about $\frac{3}{4}$ inch deep and press soil firmly. Seed is often slow to germinate. When plants are well up, thin out 4 to 6 inches apart in the rows. One ounce of seed to 100 feet of drill; 4 to 5 pounds per acre.

Noll's Ideal Hollow Crown Parsnip

Perfect in shape and fine in quality. We offer the most perfect type of this very choice sort. Roots grow to a good marketable size, of good diameter at top, tapering to the end. They are smooth and clean, of the very finest quality. The best for all purposes. An excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Noll's Ideal Hollow Crown Parsnip

ALWAYS SOW THE "FORBES" LAWN GRASS SEED MIXTURE

There is no better mixture compounded. Grows a very tough turf in 4 to 6 weeks from sowing.

Noll's Shady Place Mixture for shady spots

PEPPER

Culture.—Plant about same as Egg-Plant. Set plants $1\frac{1}{2}$ to 2 feet apart, in rows 2 to 3 feet apart. They delight in a well enriched soil. One ounce of seed will produce 1200 to 1500 plants.

Chinese Giant

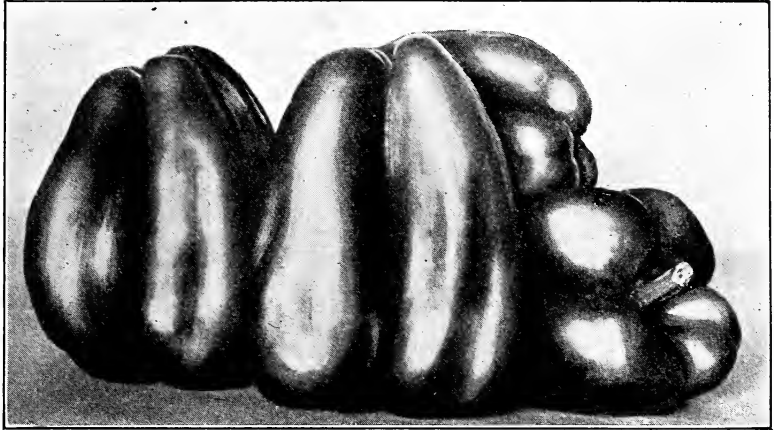
The largest of all. Very mild and delicious. This is the largest of all the Peppers. Plants set 3 to 4 very large fruits quite early, and continue setting until frost. In appearance fruit is thick and chunky; flesh is very sweet and tender. If you want a large and attractive first-class Pepper this is the one to plant. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Giant Crimson

The earliest of the large Peppers; of good shape and mild flavor. Another of recent introduction. Claimed by the introducer to outyield the famous Chinese Giant, which it resembles in shape; more uniform in size and fully as large. Flesh is thick and sweet. We have seed grown from the introducer's stock. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Golden Dawn. Plants of dwarf, compact habit; quite prolific; the best of the yellow varieties. Color a rich golden; flesh thick and mild; matures very early. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 80c., lb. \$2.75.

Large Bell, or Bull Nose. This is the old and well-known sort, still as popular as ever, notwithstanding the varieties of more recent introduction. Very productive, fruit of good size, fine quality and appearance. Many gardeners cannot be induced to plant any other variety. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Ruby King Pepper

Long Red Cayenne. Long, red, slender, twisted pods, bright red in color; very fiery flavor. Used largely for bunching with pot-herbs. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Neapolitan. A money-maker on account of its earliness. The earliest of all Peppers. A great favorite with the large Pepper growers in South Jersey, who ship this sort in carloads to the New York and Philadelphia markets. It is the first in market and brings top prices. It is of good size, mild flavor; flesh thick and plants very productive. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

New Upright A sweet and thick-fleshed variety of medium size. The fruits are borne upright on the plants, hence its name. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Red Chili. Used largely in the manufacture of pepper sauce. Pods are small, very hot. Plant very prolific. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Ruby Giant. This is a longer Pepper than the Chinese Giant. Said to be a cross between Chinese Giant and Ruby King. An excellent sort for stuffing; very desirable for market. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.

Ruby King. Probably the best known of the large, longer types. It is very productive; flesh is free from fire, always sweet and tender. It will outyield any other large variety. Makes a handsome appearance in the basket or on the market stall. We have this strain grown near Newark, and consider it unsurpassed. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Sweet Mountain. Similar to Bell, or Bull Nose, and claimed by many to be the same thing. We have, however, had this variety grown for us under this name, from selected stock. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Our Pepper Seeds, all varieties, are produced in New Jersey by experienced growers and will give the best satisfaction. Try them.



Chinese Giant Pepper

PEAS

Culture.—Plant early, smooth varieties as soon as frost is out of ground; follow with the early wrinkled sorts in a week or 10 days and make successive plantings every 10 days until middle of August. Plant 2 to 3 inches deep, in rows 12 to 15 inches apart, if cultivated by hand; if by horse power rows should be 2 feet apart. Plants should be from 8 to 10 to the foot, according to the variety. Dwarf varieties require no sticks, tall varieties do better staked. Use 1 pint to 75 feet of drill, 3 bushels per acre.

Advancer. An early variety, growing about 2½ feet; pods good size, well filled; peas of very good quality. An old favorite with many gardeners. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.50.

Alaska, or Earliest of All. This is probably the earliest of all Peas. Vines grow 2 to 2½ feet high, contain 6 to 7 pods well filled with medium-sized green peas, quality good. Matures very evenly. A very desirable first-in-market Pea. Also a great favorite with canners. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.00.

Ameer, or Long Pod Alaska. A large-podded variety of the Alaska type; the seed is blue, same as Alaska; the pods are much larger, and it is only a day or two later in maturing. Vines are very prolific; pods are well filled with peas averaging almost double the size of Alaska. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.



Alaska, or Earliest of All Pea

American Wonder. The earliest of the very dwarf wrinkled Peas. Vines only about 1 foot in height; pods of good size, containing 5 to 8 large peas. Quality is of the very finest. A great favorite for the family garden. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Gradus, or Prosperity The earliest of all the wrinkled Peas.

Produces large green pods 4 to 6 inches long. This wrinkled variety can be planted as early as the extra early smooth Peas; is very hardy; grows a vine 18 to 30 inches high; requires no sticks or brush, stands up well. It is very prolific, produces pods 4 to 6 inches long, filled with large sugary peas. One of the most popular of all Peas, whether for home use or for the market garden. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

Noll's Grand Monarch A popular variety for home or

market. An extra early Pea, which produces large, well-filled pods of luscious peas. Vines 2½ to 3 feet in height. Pods as large as the Telephone, containing 6 to 10 peas of large size. Owing to its hardness can be planted earlier than any of the large-podded varieties. Pkt. 10c., pt. 25c., qt. 40c., pk. \$2.50, bus. \$9.00.



Gradus, or Prosperity Pea

If Peas are ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges

PEAS—Continued

Nott's Excelsior. One of the best dwarf wrinkled extra earlies. Vines grow 1 foot in height, and are filled with pods of good size, containing peas of the most luscious quality. A great favorite with market gardeners. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Prolific Early Market. An extra early smooth Pea, which for prolificness is a leader. Plants are literally loaded with good-sized, well-filled pods. A very desirable variety, for the market gardener can pick more peas per yard from this sort than any other. Extra early. About 3 to 4 days later than Selected Extra Early. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Selected Extra Early. This is a strain of extra early that we consider unequaled. It withstands greater change of weather in the early Spring than any other sort. Produces pods deep green in color, well filled with good-sized peas. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Sutton's Excelsior A Pea of recent introduction but very popular on account of its large, well-filled pods. This is a dwarf variety which comes into bearing very early. Vines grow about 14 inches high, are very prolific; pods are long, straight and of pale green color. Peas are sweet and tender. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.50.



Sutton's Excelsior Pea



Thomas Laxton Pea

Thomas Laxton. Another early wrinkled variety. Vines 3 to 3½ feet high, very hardy and extremely productive. Pods are filled to ends with peas of the most tender and sugary flavor. This variety is fast becoming a great favorite in all sections. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

Velocity. The earliest of all round-seeded Peas. Similar to Alaska, only with smaller vines and pods, but a week earlier in bearing. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

MEDIUM EARLY SORTS

Carter's Daisy, or Dwarf Telephone. A medium-early dwarf sort. Vines about 18 inches in height, very vigorous and quite prolific; pods of good size, containing 6 to 9 large peas. Very tender and sweet. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Heroine. A medium-early sort, which produces large, showy pods; an immense cropper; peas of excellent quality; a fine variety for the home garden. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.00.

Horsford's Market Garden. Height 2 feet, second early, an abundant cropper of large, luscious peas. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.50.

PEAS—Continued

Shropshire Hero. Very prolific; pods large and well filled; height about 2½ feet. A second early of great merit. One of the old standbys with a great many growers. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.50.

LATE, or MAIN CROP SORTS

Champion of England. An old but still very popular late variety. Vines about 4 feet in height, very productive, pods large, peas very sweet and tender. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.50.

Duke of Albany Similar to Telephone, except pods are of a darker green shade. Vine about 5 feet in height; very strong grower, producing large pods in great profusion. A standard main crop Pea. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

Juno. This is a very desirable sort, as the quality is extra fine. Pods are large, well filled with large peas. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.50.



Juno Peas



Telephone Peas

Large Black-Eye Marrowfat. Grows about 5 feet high, a good bearer, pods large, very hardy and productive. Large white seed with black eye. A fine late sort. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.

Large White Marrowfat. Same as Black-Eye, except seed is white. Pkt. 10c., pt. 15c., qt. 25c., pk. \$1.50, bus. \$5.00.

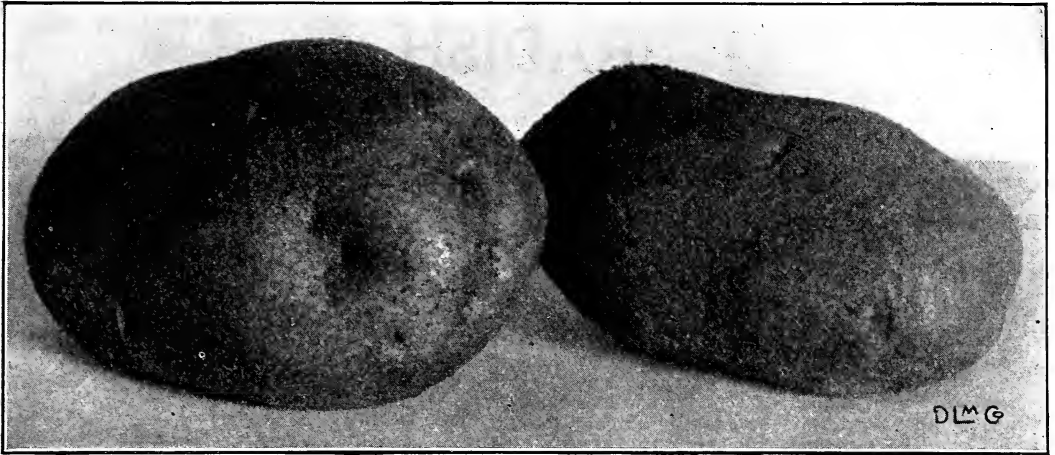
Melting Sugar. This is an edible-podded Pea. They are used in the same manner as String Beans. Pods are very large, stringless, very sweet and tender. Vines grow 4 to 5 feet high and are very prolific. Pkt. 10c., pt. 30c., qt. 50c., pk. \$3.00.

Telegraph, or Long Island Mammoth

A good main crop variety, producing strong growing vines with very large dark green pods. Does well under unfavorable conditions. Grows 4 to 5 feet in height. A great favorite with many market gardeners for their main or late crop. Pkt. 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.50.

Telephone One of the most popular varieties for main and late crop, on account of its many good qualities; fine appearance, large pods, and most excellent flavor; a good shipper. Vines about 4 to 5 feet, very sturdy and vigorous. This Pea is considered by many private and market gardeners to be the best of all. Pkt. 10c., pt. 20c., qt. 35c., pk. \$2.00, bus. \$7.50.

If Peas are ordered by mail or express prepaid, add 10c. per pint, 15c. per quart, for charges



Green Mountain Potato

POTATOES

Culture.—Potatoes are planted early and late. Cut 2 to 3 eyes to a piece. Plant in rows or hills about 3 feet apart and about 15 to 18 inches apart in the hills or rows. Cultivate thoroughly. One peck will plant about 100 hills, 10 to 12 bushels will plant an acre.

Queen. A grand, early Potato, resembling Beauty of Hebron in color, shape and size, but is much earlier, and a heavy cropper. Pk. 75c., bus. \$2.50, bbl. \$5.00.

Green Mountain. One of the very best main crop or late varieties. It is an immense yielder, does well in poor soil, producing tubers of large size; very attractive; an excellent keeper. Pk. 75c., bus. \$2.50, bbl. \$4.75.

Irish Cobbler. This extra early variety is one of the very best. It matures in 7 to 8 weeks. Tubers

large, nearly round, very heavy yielder; clean, smooth, white skin; of excellent quality. Pk. 75c., bus. \$2.50, bbl. \$5.00.

Early Rose. This variety is too well known to need a description. After many years it is as popular as ever. Pk. 75c., bus. \$2.50, bbl. \$4.75.

Carman No. 3. Enormously prolific, averaging nearly a pound apiece; very uniform in shape, white skinned, few and shallow eyes; flesh snow-white and of exceptionally fine cooking qualities. Pk. 75c., bus. \$2.50, bbl. \$4.75.

PUMPKIN

Culture.—Pumpkins are easily grown in any section. They do best in rich soil, as vines are rank growers. Plant in hills 8 x 8 feet, or in the cornfield. Plant 3 or 4 seeds to each hill. One ounce of seed will plant about 25 hills; 3 to 4 pounds per acre.

Connecticut Field. The popular sort for planting in the cornfield. Used very largely for stock feeding. A most excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Golden Oblong. Rich golden-orange color; a good keeper; quality fine; cooks dry and very sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Jumbo, or King of the Mammoths. Grows to enormous size; color of skin a rich dark yellow; flesh light. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

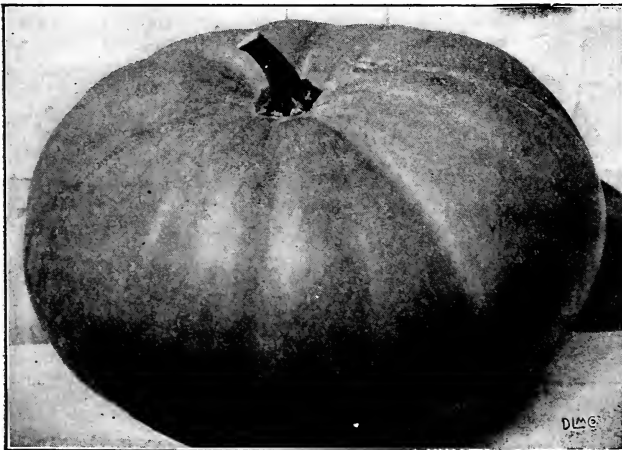
Large Cheese. Fruit flattened, skin smooth, rich cream color; superior quality; excellent for pies. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Small Early Sugar. Most delicious for pies. Fruits deep orange color, roundish-flat, slightly ribbed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Striped Cushaw, or Crookneck. Very solid, thick flesh, small seed cavity; quality of the very best. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Tennessee Sweet Potato Pie. Pear-shaped, medium size, with slight ribs. Color creamy, frequently striped green. Cooks very dry. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Winter Luxury. The finest quality. Fine for Winter keeping. Skin deep orange yellow, closely netted. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.



Large Cheese Pumpkin

RADISH

Culture.—Sow seed as early in Spring as ground can be well cultivated, in drills, 10 to 18 inches apart; thin out to 1 inch apart for small, 2 to 4 inches for large varieties. Soil should be rich, light and well pulverized. Continue sowing every week or ten days for continuous crop. Quick growth; insures good quality; they mature in from 18 days to 4 or 5 weeks, according to variety. One ounce to 100 feet of drill, 10 to 12 pounds per acre.

Bright Red Forcing. One of the earliest globe-shaped Radishes. Matures in 25 days. Color brilliant scarlet; short top; desirable for bunching. Flesh very tender and crisp. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

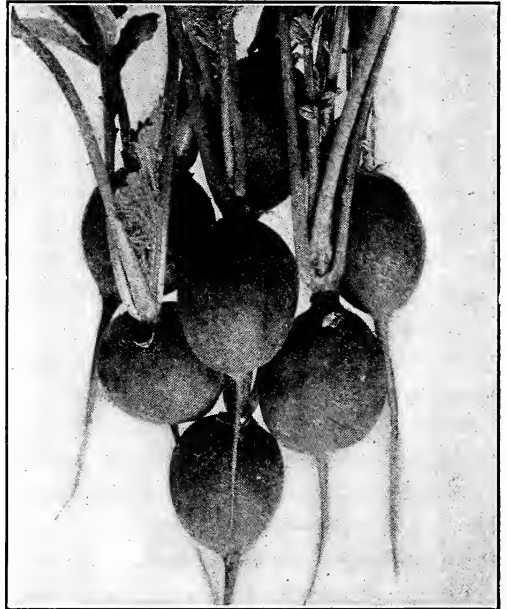
Crimson Giant. A large, globe-shaped variety. Color is brilliant cardinal; flesh firm and tender; matures early; grows to a large size, and is always very crisp and tender. We consider this one of the very best second-early forcing varieties. Highly recommended for outdoor planting. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Early Scarlet Globe A very desirable variety for open ground or for forcing. It is nearly olive-shaped, bright scarlet color, of fine quality. Matures very early and does not become unfit for use as soon as many extra early sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Early Scarlet Turnip. The old favorite Turnip-shaped Radish, of medium size, quick to mature; a very desirable variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Early White Box The best early white Turnip Radish; good for under glass or for outdoor. Makes a short top; grows rapidly; flesh is firm and sweet. A very desirable variety where White Radishes are preferred. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

French Breakfast. Olive-shaped, scarlet, white-tipped; grows very rapidly; is unsurpassed in quality; a very attractive sort when bunched; a good seller. Desirable for home use or for market. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.



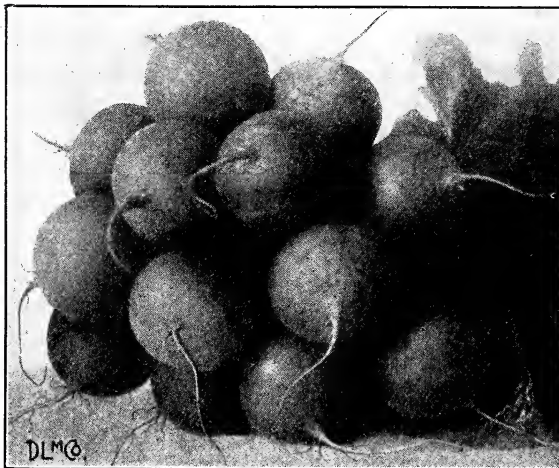
Early Scarlet Globe Radish

Olive Shaped Scarlet. This is an olive-shaped variety; fine for forcing. Has very small top; good scarlet color; pull as soon as large enough for bunching. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Scarlet Turnip White Tipped Noll's strain.

A very popular variety for either outdoor or frame culture. Size medium, bright scarlet color, with a distinct white tip. Matures early, quality the best. This is probably more largely planted than any other variety by market gardeners. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.

Sparkler. A comparatively new, early variety. Globular in shape, rosy carmine, with white tip. Solid and crisp. Very short tops. This is a splendid variety and very highly recommended. Suitable either for the open or for forcing. (See front cover.) Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.



Bright Red Forcing Radish

SUMMER VARIETIES

Chartier, or Shepherd. A good outdoor Radish; matures quite early; very hard, crisp and tender. Color is a scarlet or rose, tipped with white at end. Roots are long and slender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

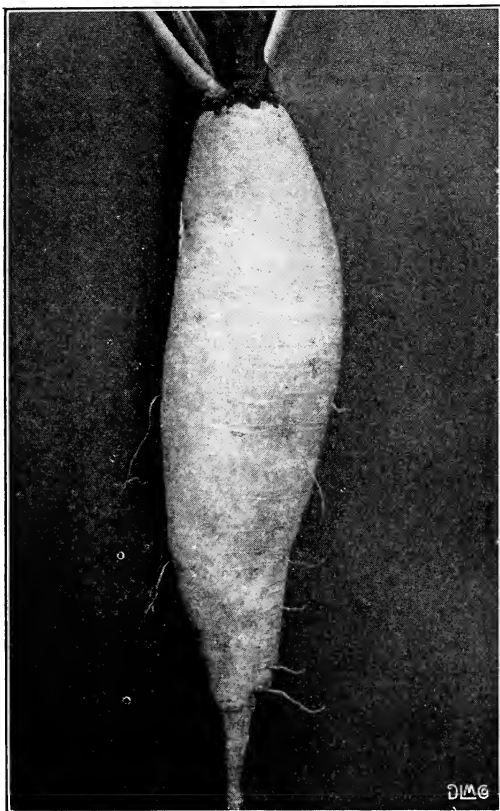
RADISH—Summer Varieties Continued

Giant White Stuttgart. Very large root, top-shaped, white skin; flesh firm and crisp; stands heat well. Give this variety plenty of room in the row as it produces mammoth bulbs. A highly flavored sort. A very desirable market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

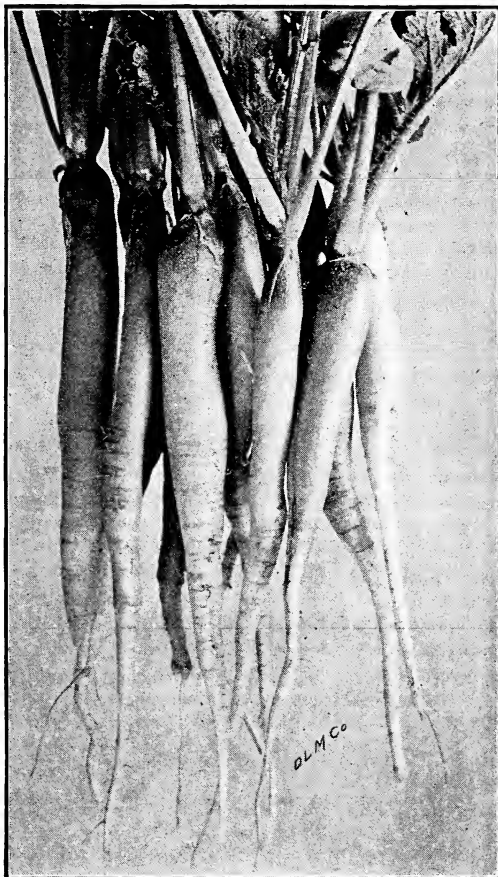
Long Scarlet Short Top The best of the long red Radishes. This is the standard Long Scarlet Radish. More of this Radish is planted than any other long variety. We have a very choice strain of this popular sort. It is very early, of good size, fine quality; good for bunching, and is the most largely planted of all long red Radishes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long White Icicle The popular long white Radish; very early. The best long white Radish. Skin is pure white; flesh crisp and tender, remaining so for a long time. It is very early, maturing in 25 to 30 days. Makes a fine show when bunched for market. Popular with market gardeners. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long White Vienna, or Lady Finger. A long white variety; very crisp and tender; grows to good size; matures early. Very similar in shape to Long Scarlet Short Top. It is a very desirable variety where long white Radishes are desired. The flavor is mild. We recommend this variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Radish, Long White Vienna



Radish, Long White Icicle

Olive Shaped Golden Yellow. Similar to the olive-shaped scarlet except skin is golden yellow. Flesh is white and tender; an early variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White Strasburg A good white variety, oblong in shape; grows to good size; a desirable sort for Summer planting. One of the very best of the larger Radishes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White Summer Turnip. A very desirable Summer Radish. Grows round, smooth root, crisp and firm. A favorite family Radish. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Yellow Summer Turnip. A favorite in the New York markets. Grows round, good size; skin a bronzy yellow; flesh very tender and good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

WINTER VARIETIES

California Mammoth Winter. A large late or Winter variety. Pure white; grows partly above ground; keeps well through Winter months. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Celestial, or Chinese Winter. The best of the white Winter varieties. One of the best of all Winter Radishes. Grows about 1 foot long; flesh pure white; quality unsurpassed. We recommend this variety very highly. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

RADISH—Continued**Half-Long Black Spanish**

This variety has become very popular in recent years and is one of the most desirable late varieties grown. The shape of the roots is half long, very uniform and they are grayish black in color. The flesh is white, firm and crisp. It is a very good keeper and is highly relished around the New York markets, where it is in great demand. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long Black Spanish. A very late variety; grows to large size; skin black; flesh is very firm, and of good quality; it is a very popular market variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Rose China Winter Of cylindrical shape; color a light rose; has pure white flesh; grows 4 to 5 inches long; a great favorite for Winter use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Round Black Spanish. Round or top-shaped; grows 3 or 4 inches in diameter; skin black; flesh white. Where a round, black Radish is in demand this is the most desirable variety to grow. A good Winter keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c.

RHUBARB

Culture.—Plant in very rich soil, deeply cultivated. Plant in drills, about 1 inch deep; thin out to 6 inches in rows. Transplant roots in Fall, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

Linnæus. The best market sort; stalks red; flavor very fine. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Roots. 15c. each, 4 for 50c., postpaid. Large, untrimmed roots, not prepaid, \$9.00 per 100.

SALSIFY, or OYSTER PLANT

Culture.—Plant about same as Carrots or Parsnips. Roots are hardy and may remain in ground over Winter. Sow in drills early in Spring, in deep rich soil. Cover seed about 1 inch deep, and thin



Mammoth Sandwich Island Salsify

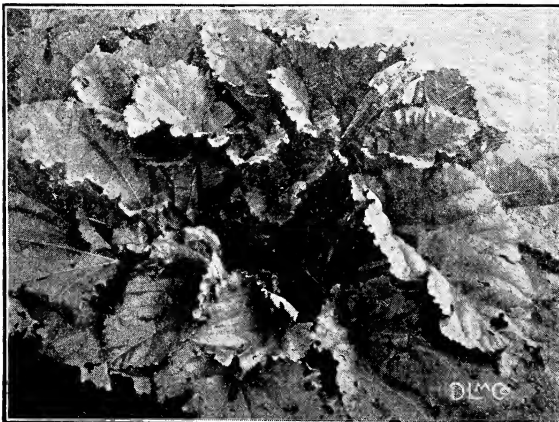
out to 2 to 4 inches in row. One ounce of seed to 100 feet of drill; 8 to 10 pounds per acre.

Mammoth Sandwich Island The best variety, far ahead of the old White French sort. Roots large and not liable to branch. Color nearly white; makes a very handsome bunch. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SORREL

Culture.—Sow in drills early in Spring, thin out to 6 or 8 inches apart in the row. Commence cutting about 2 months after planting. Sorrel is hardy, will continue to bear for 3 or 4 years.

Large-Leaved French Cooked like Spinach; a very fine salad cooked as greens. Large leaves, mild acid flavor, fine quality. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.



Rhubarb



Giant Thick-Leaved Viroflay Spinach

SPINACH

Culture.—Plant in drills or broadcast in early Spring or Autumn. Spinach delights in rich soil. If planted in drills, thin out to 6 inches; have drills 12 to 18 inches apart. Cut before hot weather. If sown in Autumn protect plants with a light covering of leaves or straw. One ounce to 200 feet of drill; 8 to 10 pounds per acre.

Belgium Evergreen Long Standing

Large dark green leaves; grows close to ground; withstands hot, dry weather, showing no tendency to run to seed; also excellent for Fall planting to Winter over. Not desirable as an early sort, but one of the best for late planting. Our demand for this variety is increasing every year. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Bloomsdale, or Norfolk Savoy-Leaved

The very popular variety so largely planted among market gardeners. We have single customers in the Norfolk section who plant 1000 to 1500 pounds of this desirable variety. Leaves are thick, dark green, perfectly hardy, good flavor. We highly recommend this to all our friends. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Giant Thick-Leaved Viroflay. A desirable market variety. Produces large, thick, green leaves, somewhat crumpled. Matures very early; stands a long time without shooting to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Long Season

This is fast becoming one of the leading sorts. Stands more heat than any other variety of Spinach excepting New Zealand. The color is dark, leaves crumpled, growing close to the ground and are very thick. Every market gardener should give this variety a trial. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Long Standing. An excellent and popular long-standing variety, good for either early Spring or Autumn sowing. Leaves large, thick and crimped. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Mammoth Italian Long Standing

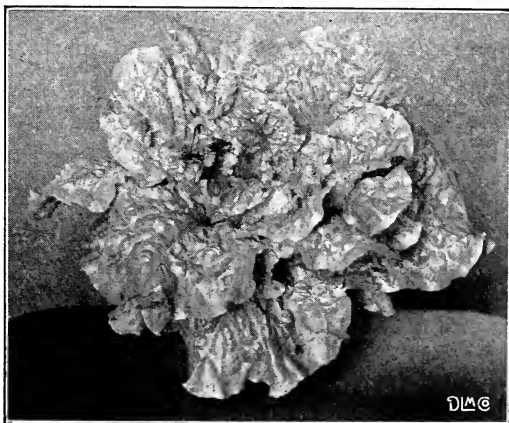
A dark colored Spinach which withstands heat admirably. It is a very heavy cropper, producing

large dark green leaves which are very tender. Habit very dwarf, growing close to the ground. It is a fine sort for late planting also. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

New Zealand. A distinct variety, differing entirely from the ordinary Spinach; thrives in any soil. Cut leaves or shoots during entire Summer. Plant in hills 2 feet apart each way, 3 or 4 seeds to a hill. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Round-Leaved Winter. A hardy, well-known variety, with thick round leaves. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.

Victoria. Withstands hot weather; slow to run to seed; a very popular sort in many sections. A good variety for market or for family garden. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 35c.



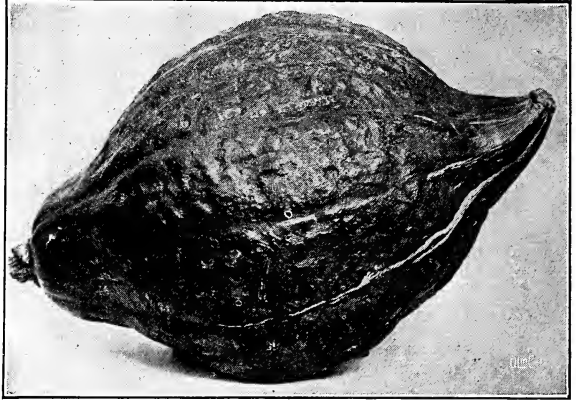
Bloomsdale, or Norfolk Savoy-Leaved Spinach

SQUASH

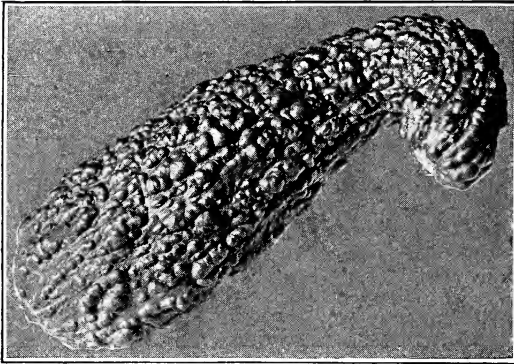
Culture.—Do not plant until settled weather, as plants are very tender. Use same methods as for Cucumbers and Melons. Summer varieties should be planted 4 to 6 feet apart each way. Winter varieties 8 to 10 feet apart. Leave 2 or 3 plants in each hill. Four ounces of seed to 100 hills for Summer sorts, 8 ounces to 100 hills for Winter sorts, 2 to 3 pounds per acre.

Boston Marrow. This is an old but still very popular variety. Skin is reddish; flesh is rich salmon color of fine quality. In many markets this variety leads all others in amount of sales. We recommend this strain very highly. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Cocozelle. This Italian Squash grows about 20 inches long. The skin is smooth, of a dark green color, fine flavored. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Improved Hubbard Squash



Mammoth Summer Crookneck Squash

Delicata. An early Fall variety, small but very prolific; color orange, striped with green; flesh firm, dry and very sweet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.10.

Fordhook. A Fall or early Winter Squash of medium size; color a creamy yellow; a good keeper; flesh sweet and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Improved Hubbard. One of the most popular Winter varieties; flesh fine grained, of bright orange color; cooks very dry, sweet and tender. A most excellent keeper. Shell is thick and tough, making it a most desirable shipper. It is much warted or roughened, and when ripe is sometimes greenish and at others reddish in color, depending on soil and weather conditions. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.10.

Mammoth Chili. The largest of all the Squashes. Flesh yellow, very thick, but of good quality. It is valuable for table use or for stock feeding. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

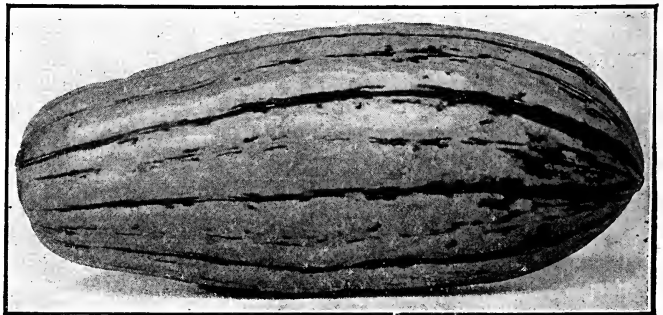
Mammoth Summer Crookneck. A strong, vigorous grower; fruit large and warted; flesh white; quality fine; very productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Long Island White Bush. A thicker and heavier variety than the ordinary White Bush; has very little rim; a good market sort and gives satisfaction wherever grown. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

White Bush Scalloped. One of the most popular Squashes today. Very desirable for the home garden, also for market. The fruits are scalloped or edged around the rim, are somewhat flat, but very meaty. The flesh is of the best quality, tender and delicious. Color of fruits a creamy white. Vine dwarf and vigorous. Our strain of this favorite Squash is unexcelled. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Yellow Bush Scalloped. Similar to White Bush except color is yellow. The quality is exceedingly fine; flesh is dry, deliciously sweet and tender. It is highly recommended for home garden culture. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Vegetable Marrow. Largely grown in England and worthy of far more culture here. The treatment accorded Squash is suitable for these. The flesh before becoming ripe is tender and marrowy, with a delicious flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Delicata Squash

TOMATO

Culture.—Plant seed in boxes or hotbeds, from 6 to 8 weeks before setting out in the open. Transplant in coldframes or pots; when danger from frost is past plant in open ground, setting 3 to 5 feet apart each way. They should be thoroughly cultivated. One ounce of seed will produce about 4000 plants.

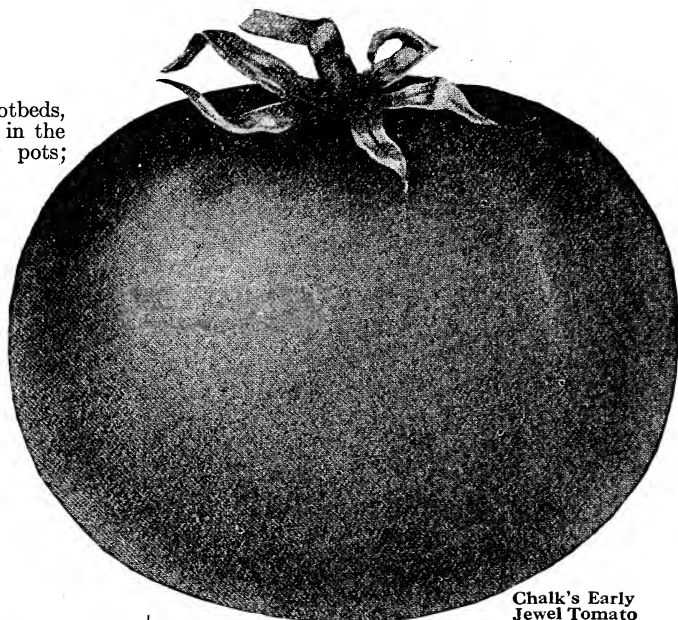
Acme. Hardy, vigorous and productive; fruit large, smooth, round; free from cracks; color purplish-pink. An old and well-known sort. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Beauty. Color purplish-pink; fruit large, very heavy and meaty; a very prolific and profitable variety; a good shipper. Very showy. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Bonny Best. Early, good size and shape. Very prolific. This new sort is bound to be a leader, on account of its many good qualities. It is a vigorous grower; very prolific. Shape nearly round, partly flattened at stem end; very thick through. Color a bright scarlet; grows in clusters of 4 to 6. We are confident this variety will please all who plant it. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Chalk's Early Jewel A large, smooth, fine-flavored extra early.

This is a fine, large, early sort. Vines very vigorous and productive; fruit very solid; an excellent shipper. Plants are strong, robust, very prolific, not subject to blight. Comes in bearing a few days after Earliana but is much more desirable on account of size and quality. We consider this a very desirable red variety for home or market use. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



Chalk's Early
Jewel Tomato

Early Detroit. This is not only the most productive of the early purplish-pink Tomatoes, but in uniformity and size of fruit, freedom from cracking and from tendency to blight it has been found to meet the most exacting requirements. Vine vigorous, very productive. Fruits smooth, uniform in size, nearly globe shaped, firm, excellent quality. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

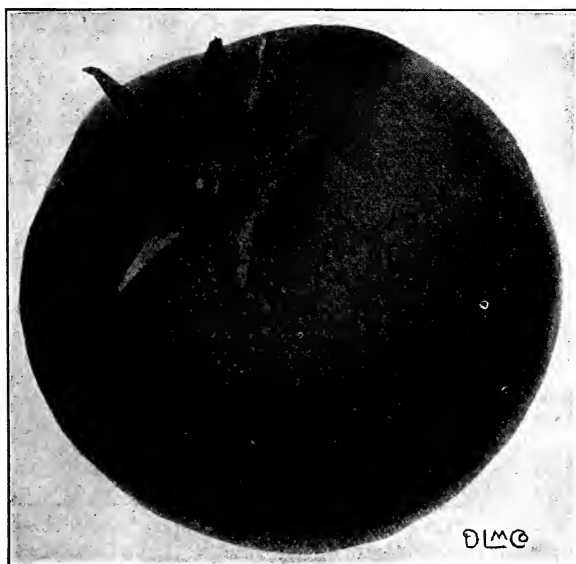
Dwarf Champion. Purplish-pink; dwarf vine, but very prolific. Fruit is large and smooth, and of excellent flavor. Can be planted much closer than the taller sorts. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Dwarf Stone. A good late sort. Vines are quite dwarf, but are very prolific. Fruit large, smooth and solid; color a very handsome scarlet. This is without doubt the best of the dwarf varieties. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Duke of York, or Buckeye State. Of special merit on account of its uniformity in ripening. Color a rich, glossy purplish-pink; a very heavy cropper; fruit large, firm, and heavy. It averages 8 to 10 fine Tomatoes in a cluster; ripens evenly up to stems; not subject to blight. An excellent sort for late Summer and early Fall. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

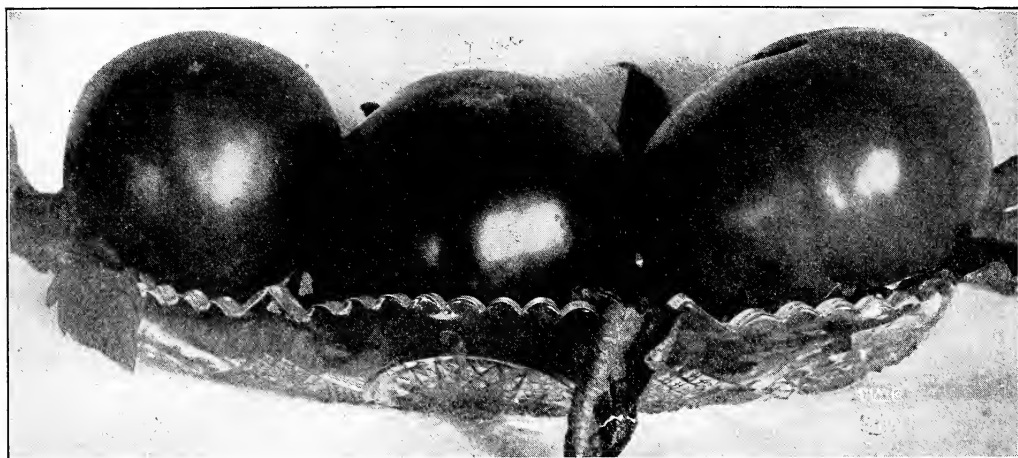
Earliana Selected A very early variety, smooth, prolific, of good size; very uniform in shape; color bright scarlet, and of fine flavor. This variety is largely grown in the great Tomato-growing section of South Jersey. It is a great money-maker, as on account of its extreme earliness it brings the top prices. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Early June Pink. Similar in habit to Earliana; about the best of the early purplish-pink sorts. Plant is compact, branches freely; hangs in clusters of 6 or 8 fruits. Free from blight. Bound to be popular where pink-skinned sorts are in demand. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



Tomato, Earliana Selected

DLMC



Noll's New Discovery Tomato

TOMATOES—Continued

King of the Earlys This is a very fine early sort, producing large red Tomatoes, very firm and solid. The fruits are only a few days later than the Earliana, but are decidedly larger and more smooth. The vines are small but are very productive, the fruits being borne in clusters. A very good variety for the market gardener to grow; also desirable for the home garden. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Livingston's Globe. This new globe-shaped variety is very early, smooth and solid; skin a glossy purplish-pink; a heavy cropper, of excellent quality. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Matchless. A good keeper and shipper. A rich, red-skinned variety, of exceptional merit. It is a fine shipper; as skin is tough, stands rough handling. Plants are strong and vigorous; fruits are of large size, always smooth and regular in shape. This is one of the very best main or late crop Tomatoes. We recommend this variety to our market gardeners as one of the most profitable and satisfactory varieties. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Noll's New Discovery We claim this is one of the best extra early Tomatoes on the market. It is earlier than the Earliana, more productive, more smooth and a better color. It is from 5 to 6 days earlier than the Earliana, bears on an average 5 to 6 large fruits on the crown set. It is very solid and the quality is unsurpassed. One of our customers in Black Hall, Conn., who has raised Tomatoes for thirty years, writes that he never grew a better Tomato than our New Discovery in all this time, and he has tried them all. The plants are close jointed, bear fruit very freely. The fruits are uniform in shape and color and perfectly smooth. They are bright scarlet in color and have very small seed cavities. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Pear-Shaped Red. A Pear-shaped variety, used for preserving. Vines are very heavy yielders;

fruit bright red. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Ponderosa. Probably the largest of all Tomatoes. Color a bright purplish-pink; fruit smooth and regular in shape; a favorite sort for the home garden. Pkt. 10c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Red Cherry. Small, red fruit, about the size of a Cherry; very prolific; used largely for preserves and pickles. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Selected Stone We have a carefully selected stock of this favorite variety. For a main crop this sort cannot be surpassed. It is one of the very best for canning or for market use. Fruit large, of bright red color, very smooth, heavy and solid. We know of no variety that will give better satisfaction for all general purposes. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Success. This is a very fine variety for late crop. The fruits are large, firm and solid. Color is a bright scarlet. A very attractive sort, either for the market or home garden. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Sutton's Gold Mine A rich, purplish-pink variety, of large size; a healthy and vigorous grower; bears continuously until frost. An elegant shipper; carries long distances in perfect condition. We have had a great many favorable reports from this new variety. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Triumph. An extremely valuable late or main crop variety. Fruit very large and solid; bright red, ripens up evenly. Vines are prolific. This is an excellent variety for canning or for market purposes. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Trucker's Favorite. This is an old but very popular variety. It is productive, very firm and solid. Purplish-pink. A very good variety for main crop. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

Yellow Plum. A yellow Plum-shaped fruit, deep in color; yellow flesh, of fine flavor. Good for preserves. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 85c., lb. \$3.00.

WE make Tomatoes one of our leading specialties. Our strains of all varieties are of the highest quality. Don't fail to try Noll's New Discovery Tomato; it will certainly please you.

TURNIP

Culture.—Plant in drills about 2 feet apart and about $\frac{1}{2}$ inch deep or broadcast in thoroughly harrowed ground. Thin to 4 to 5 inches apart in the rows. Keep free from weeds. If wanted for early use plant early in the Spring. Main crop is usually planted in July or August. One ounce of seed to 250 feet of drill; 2 to 3 pounds per acre.

Cow Horn. Long white, except top, which has shade of green. Roots grow very large, crooked in shape, nearly half out of ground. Matures very early; is of good flavor. A very good keeper for Winter use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early Snowball. Very early; white skin and flesh; roots of good size; very firm, sweet and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Golden Ball. Smaller than Yellow Globe; very handsome in appearance; a good keeper; flesh yellow, sweet and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

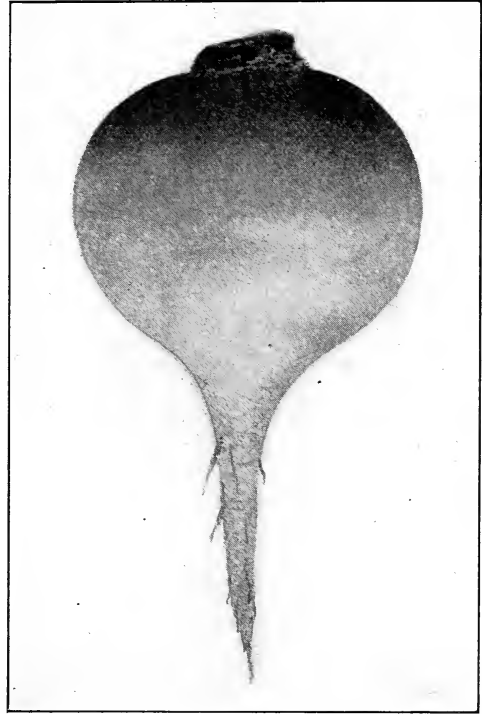
Purple Top Milan. The Milan is the earliest of all Turnips; white with purple top; very desirable for early planting. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Purple Top Strap-leaved. This variety is similar in color to the Purple Top Globe; the shape is flat; the best variety for markets which want flat Turnips. Flesh is white, fine grained and good quality. An excellent keeper for Winter use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Purple Top White Globe The popular variety for market or home use. Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top, making a very attractive appearance. This variety is more largely planted than any other by market gardeners. It keeps well and is always in demand. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Egg. An egg-shaped sort of quick growth, smooth and white, small top. Roots grow half out of ground; very tender, sweet and mild. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Milan. Pure white; as handsome as early Purple Top Milan; flesh sweet and tender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Purple Top White Globe Turnip

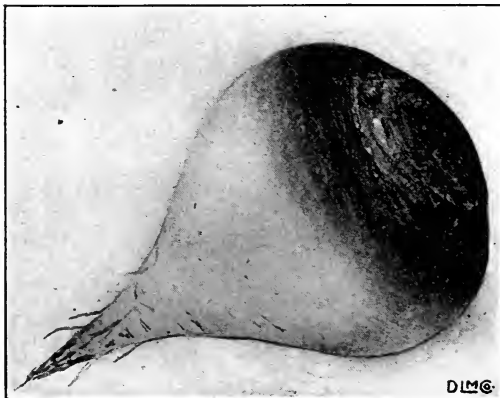
Yellow Aberdeen. A popular yellow-fleshed variety; medium-sized roots, very hardy, sweet, tender and desirable. An excellent variety for stock feeding as well as for table use. Productive and a splendid keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Yellow Globe. Flesh yellow, round, medium in size. A very popular yellow sort. Fine grained, very tender. Good cropper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Yellow Stone. A globe-shaped, yellow-fleshed variety of good quality; a very good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

RUTABAGA, or SWEDE

Long Island Improved Purple Top. The best, most popular and most productive of all. We list but this one sort of Rutabaga, as we consider our strain of this variety embraces all the good points contained in the Rutabaga family. Grows entirely without neck, has very small top and tap root. It is very productive, grows to large size, but is sweet and tender. Unsurpassed for stock feeding or table use; flesh yellow. The best for either market or home use. We cannot praise this stock too highly. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Long Island Improved Rutabaga

HERBS, SWEET, POT AND MEDICINAL

Culture.—Most Herbs thrive best on light, sandy soil. Sow early in the Spring in carefully prepared and thoroughly cultivated ground. Plant shallow and press soil down firmly.



Pot Marjoram

- Anise.** Seeds aromatic and carminative. Pkt. 5c., oz. 10c., lb. 75c.
Balm. For culinary purposes. Pkt. 5c., oz. 30c., lb. \$2.50.
Basil. Sweet. Culinary herb used for flavoring soups, etc. Pkt. 5c., oz. 15c., lb. \$1.50.
Bene. The leaves used for dysentery. Pkt. 5c., oz. 15c., lb. \$1.00.
Borage. Leaves used as a salad. Pkt. 5c., oz. 10c., lb. \$1.00.
Caraway. Used in flavoring liquors and bread. Pkt. 5c., oz. 10c., lb. 60c.
Catnip. Has medicinal qualities. Pkt. 10c., oz. 40c., lb. \$4.00.
Coriander. Seeds aromatic. Pkt. 5c., oz. 10c., lb. 60c.
Cumin. Pkt. 5c., oz. 15c., lb. \$1.00.
Dill. Seeds used for flavoring vinegar. Pkt. 5c., oz. 10c., lb. 60c.
Fennel, Sweet. Seeds aromatic; for flavoring. Pkt. 5c., oz. 10c., lb. 60c.
Fennel, Florence. In flavor resembling Celery. Pkt. 5c., oz. 15c., lb. \$1.25.
Lavender. For oil and distilled water. Pkt. 5c., oz. 20c., lb. \$2.00.
Marjoram, Pot. Used in seasoning. Pkt. 10c., oz. 40c., lb. \$4.00.
Marjoram, Sweet. Used in seasoning. Pkt. 5c., oz. 20c., lb. \$1.25.
Rosemary. Yields an aromatic oil and water. Pkt. 5c., oz. 30c., lb. \$3.00.
Rue. Said to have medicinal qualities. Pkt. 5c., oz. 20c., lb. \$2.00.
Saffron. Used in medicine, and also in dyeing. Pkt. 5c., oz. 10c., lb. \$1.00.
Sage. Common. A culinary herb; also used in medicine. Pkt. 5c., oz. 15c., lb. \$1.50.
Savory, Summer. Used as a culinary herb. Pkt. 5c., oz. 10c., lb. \$1.00.
Savory, Winter. Used as a culinary herb. Pkt. 5c., oz. 20c., lb. \$2.00.

Tansy. Generally used in bitters. Pkt. 10c., oz. 50c.

Thyme, Broad-Leaved English. Used as a seasoning. Pkt. 10c., oz. 50c., lb. \$3.75.

TOBACCO

Culture.—Sow seed early in the Spring in seed bed; when plants are about 6 inches high transplant in hills 4 to 5 feet apart each way. Cultivate thoroughly. One ounce of seed for 5000 plants.

Big Havana. Large leaf of good flavor and fine texture. Pkt. 10c., oz. 30c.

Connecticut Seed-Leaf. A popular variety in the North and New England States. Pkt. 10c., oz. 25c.

Sweet Oronoko. Produces good plug fillers; a fine natural chewing leaf. Pkt. 10c., oz. 25c.

White Burley. A valuable sort for either cut or plug Tobacco. Pkt. 10c., oz. 40c.

GARDEN LEMON

Produces fruit of a striking appearance, useful for preserves; has a decidedly acid flavor. Very productive. Cultivate same as Muskmelons. Pkt. 10c., oz. 30c.

IMPROVED GROUND CHERRY

The best of the husk Tomatoes; makes fine preserves. Fruit is a handsome yellow color, nearly round; enclosed in a husk, which opens as fruit matures. Plant and cultivate same as Tomatoes. Pkt. 10c., oz. 40c.

VEGETABLE PLANTS

We can supply in proper season, **Cabbage, Cauliflower, Lettuce, Egg-Plant, Pepper** and **Tomato Plants** in any quantity. Write for prices, stating the quantity wanted.



Rosemary

FIELD CORN

DENT VARIETIES

Droughtproof A Yellow Dent variety of great merit. This is an early Yellow Dent, which originated in Ohio. It has been on the market for several years and each year adds to its popularity. The introducer claims: "It is the largest grained and has the smallest cob of any Yellow Dent Corn. Brightest colored grain. Fully as early as Leaming. Yield not excelled by any other sort. Strong growth of stalk and handsome ear. An unusual yield of shelled Corn insured by depth of grain." It withstands drought better than other varieties. All points considered, it is the best 90 to 100-day Corn on the market. We have stock direct from Ohio. Pk. 75c., bus. \$2.50.

Eureka. An early, large-eared yellow Corn, of the Dent variety; grains are very deep, good orange color; cob small; matures early, a week or 10 days later than the Leaming. Very productive; good large fodder. We have sold hundreds of bushels of this variety to our customers in the past 2 or 3 years; they pronounce it the best Corn they have ever grown. Pk. 75c., bus. \$2.50.

Leaming. A very early and prolific variety; ears of good size; grain of good color, very heavy; a very popular variety for ensilage purposes. We know of no better sort for this use, especially in the North. Pk. 60c., bus. \$2.25.

Improved Mastodon Considered the earliest of all large-eared varieties. This Corn originated with Mr C. S. Clark, of Ohio, who is probably the largest grower of seed Corn in America. He thinks this is the best of all the large-eared sorts. It matures very early, grows a very large ear, deep grain, and of good color. It will grow a crop farther north than any other large Dent variety, and will produce more bushels per acre than any Corn we know of. It matures in from 96 to 110 days; is far ahead of Golden Beauty. It is a cross between White Cap Dent and Early Row Dent. We offer headquarters stock direct from Mr. Clark. Pk. 75c., bus. \$2.50.

Golden Beauty. A broad-grained, large-eared variety, maturing in about 120 days. Cob is small; grain very heavy and of a beautiful golden-yellow color. This is a very popular variety in New Jersey. Pk. 60c., bus. \$2.25.

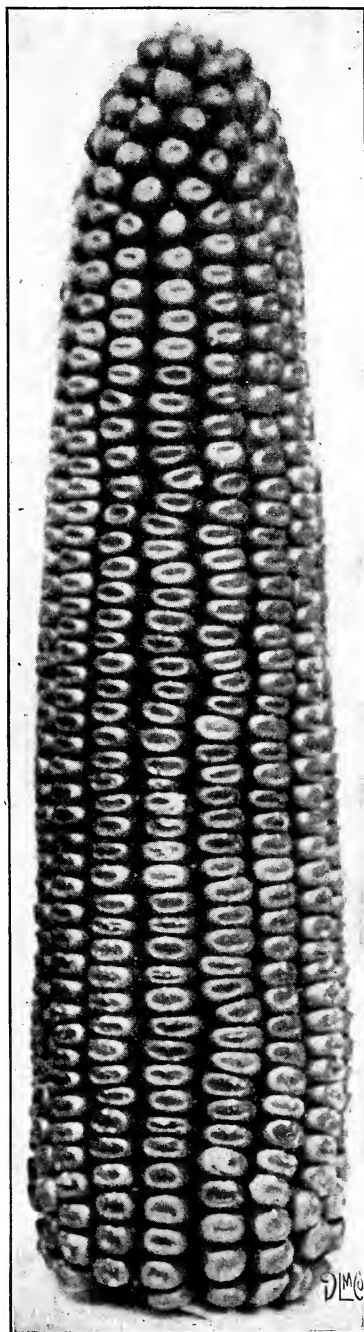
FLINT CORN

Canada Yellow. This is the old and still popular Yellow Flint variety. Matures in 90 days, and is always reliable. Ears are of good length, containing 8 rows of large, yellow grains. Also grows a good fodder. Will mature where other varieties fail. Grows on poor land and gives large crops. A popular New England Corn. Pk. 60c., bus. \$2.25.

Large White. Large, handsome, well-filled ears; grain white. Will mature early and give good satisfaction. Pk. 60c., bus. \$2.25.

Longfellow. The longest ear of all the Yellow Flint Corn; will ripen as far north as Massachusetts. A good yielder. Pk. 60c., bus. \$2.25.

Note:—If Corn is wanted in lots of 10 bushels or over, write for special prices.



Field Corn Improved Mastodon

Some good varieties in our Vegetable list you ought to try: Beans, King of the Earlies; Market Gardener's Cabbage; Rubicon Half-Long Carrot; Noll's Superior Extra Early Cauliflower; Twentieth-Century Lettuce; Maryland Muskmelon; Sutton's Gold Mine Tomato

LAWN GRASS SEED

OUR MIXTURES ARE UNSURPASSED

How and When to Sow. The soil should be rich and carefully prepared by being well pulverized. Sow the seed when the ground is fairly moist—but not too moist—and roll after seeding, if possible. If any re-seeding is done, do it before rolling. All Lawns are much benefited by frequent mowing, but do not cut too close in hot, dry weather or about the time the ground freezes. One quart will seed 300 square feet. Five bushels will seed an acre of new ground; about half these quantities for re-seeding or renovating after the ground has been scratched with a rake or otherwise prepared. The time to sow Lawn Grass Seed is in Spring or Fall.

Change from Weight to Measure. While selling Lawn Grass Seed by weight has much in its favor, there is such a great demand for it by measure that we have decided to put it on sale by the quart, peck and bushel, and hope to continue this in future for the convenience of our customers.

As there is no standard weight per bushel for Lawn Grass Seed in the United States, we would mention that our Lawn Grass Seed weighs 20 lbs. to the bushel, so that those who still prefer to buy by weight can base their calculations in this way.

FREE DELIVERY OF LAWN GRASS MIXTURES. While we cannot deliver free of transportation all the goods we offer, yet we will do so in the case of Lawn Grass mixtures.

From now on, therefore, we will deliver our Lawn Grass mixtures free of transportation in the United States, by mail, express or freight, at our option, at the prices mentioned in this catalogue.

We will be pleased to enter into correspondence with any one wishing advice in the formation of Lawns and golf courses or their care.



THE "FORBES" LAWN GRASS SEED

We invite your attention to the announcement on second page of this catalogue cover, by which it will be noticed that we now have at the head of our establishment one who was for over 25 years general manager of Peter Henderson & Co., of New York City, and who not only compounded the Grass Seed mixtures of that well-known firm, but personally selected and bought the individual grasses which entered into these mixtures. In this and other ways he has had an experience that stamps him as an authority on Lawns and everything connected therewith. Out of compliment to him, we have decided to name our best Lawn Grass mixture **THE "FORBES" LAWN GRASS SEED**, which, considering the cleanliness and purity of the individual grasses that enter into this mixture in proper proportions, is second to none and vastly superior to many of the Lawn Grass mixtures so largely advertised. This will take the place of the Noll's Perfect Lawn Grass which we have offered heretofore. See illustration on fourth page of cover. **PRICE per qt. 30c., 4 qts. \$1.00, peck \$1.75, bus. of 20 lbs. \$6.00.**

DELIVERED FREE OF TRANSPORTATION in the U. S. by mail, express or freight at our option.

BRANCH BROOK PARK LAWN GRASS SEED

Named after one of our large city parks where it has been used for a number of years. To customers who do not wish our highest priced mixture, we can recommend this brand, as it is deservedly popular. Will produce a fine lawn in 6 to 8 weeks. **PRICE per qt. 25c., 4 qts. 85c., peck \$1.50, bus. of 20 lbs. \$5.00.**

NOLL'S SHADY PLACE GRASS SEED

This mixture contains a majority of Grasses which, in their natural state, are to be found growing in shady places and in the woods. Produces an excellent turf in a short time. An application of air-slaked lime at the rate of forty bushels per acre is a good preparation on such shady places as are to be sown with this mixture, especially if the land is wet or moss-grown, indicating "sourness." **PRICE per qt. 30c., 4 qts. \$1.00, pk. \$1.75, bus. of 20 lbs. \$6.00.**

NOLL'S TERRACE GRASS SEED

Compounded from quick-growing, drought-resisting Grasses which produce a network of long roots and grow to a good depth, preventing washing out, etc. This mixture comprises many fine-leaved grasses which are to be found growing naturally on light soils, and is admirably adapted for growing on hillsides and embankments. **PRICE per qt. 30c., 4 qts. \$1.00, pk. \$1.75, bus. of 20 lbs. \$6.00.**

NOLL'S GRASS MIXTURE FOR GOLF COURSES

We will be pleased to hear from Greens Committees and advise them as to the best methods to attain satisfactory results. We have made a close study of Grasses and will be willing to give our clients the benefit of our knowledge and experience. We claim to be specialists in this line and invite correspondence.

Our "Putting Green" Grass Seed

Valuable for sowing new greens and renovating old ones. **Lb. 30c., 100 lbs. \$26.00.**

Our "Fair Green" Grass Seed

Equally valuable for sowing new greens and renovating old ones. **Lb. 28c., 100 lbs. (enough for an acre) \$24.00.**

NOLL'S PERMANENT PASTURE AND HAY MIXTURE. A mixture of varieties which will form a permanent pasture, which lasts for years. May be used for hay crop or for pasture, as desired. This mixture is composed chiefly of native grasses and grasses which have been acclimated, and which, after trial, have been found to be best adapted for the purpose. These grasses are blended in their proper proportions to give the desired result. Sow on new land which has been plowed and harrowed, at the rate of 50 lbs. per acre. On ground partly covered with grass, 30 lbs. per acre. **PRICE: bus. of 14 lbs. \$2.75, 50 bus. \$2.65 per bus., 100 bus. \$2.60 per bus.**

MIXED PERMANENT CLOVERS should be sown in addition to the above grass mixture, but on account of their weight, the Clovers should be sown separately in the Spring. This Clover Mixture comprises White, Mammoth or Pea Vine, Alsike, etc. Sow 10 lbs. per acre. **PRICE: Lb. 40c., 100 lbs. \$35.00.**

GRASSES

Note.—Prices given below on Grasses are net figures January 1, 1914, and are subject to market changes.

We endeavor to supply only the best grades of all Grasses and Clovers. Please bear this in mind when comparing our prices with those of others. There are many grades, and prices are often far apart. We have only one grade—"the best."

AWNLESS BROME GRASS (*Bromus inermis*). Does well on dry and poor soils; will stand long droughts and produce heavy crops. **Lb. 22c., 100 lbs. \$20.00.**

BERMUDA GRASS (*Cynodon dactylon*). Valuable for the Southern States. **Lb. \$1.00, 100 lbs. \$95.00.**

CANADA BLUE GRASS (*Poa compressa*). Useful for growing on hard clay and poor soil, also good for steep places. **Lb. 16c., 100 lbs. \$14.00.**

CREeping BENT (*Agrostis stolonifera*). A valuable Grass for lawns; does well in moist places. **Lb. 50c., 100 lbs. \$45.00.**

CRESTED DOGSTAIL (*Cynosurus cristatus*). A valuable Grass for lawns and golf greens. **30 lbs. per acre. Lb. 35c., 100 lbs. \$30.00.**

ENGLISH RYE GRASS (*Lolium Perenne*). Perennial. A vigorous growing Grass in meadows of moist soil. Valuable for permanent pastures. Sow 30 to 40 lbs. per acre. **Lb. 10c., 100 lbs. \$8.00.**

FINE-LEAVED SHEEP'S FESCUE (*Festuca ovina tenuifolia*). Valuable for lawns and golf greens. A very fine-bladed Grass and the dwarfiest Grass in the whole list. **Lb. 40c., 100 lbs. \$35.00.**

HARD FESCUE (*Festuca duriuscula*). Like Sheep's Fescue, a good Grass for sandy soil and under trees; does not grow tall. **30 lbs. per acre. Lb. 30c., 100 lbs. \$28.00.**

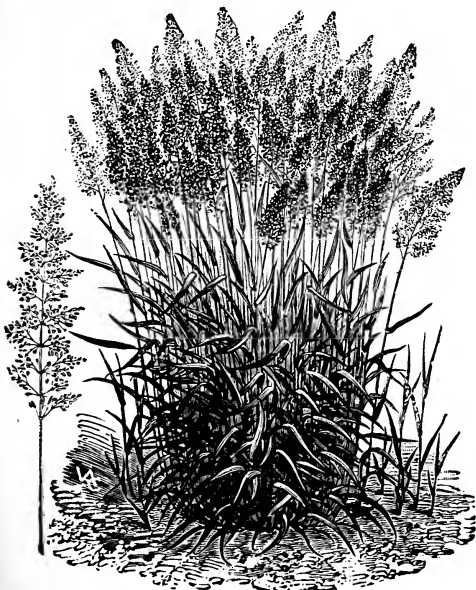
ITALIAN RYE GRASS (*Lolium Italicum*). An annual or biennial Grass of high value for soiling. It is a remarkably rapid grower on good soil, being ready to cut in four or five weeks from seeding. **36 lbs. per acre. Lb. 12c., 100 lbs. \$10.00.**

KENTUCKY BLUE GRASS (*Poa pratensis*). One of the best Grasses grown. Does well everywhere. Desirable for lawns. **60 lbs. per acre. Lb. 20c., 100 lbs. \$18.00.**

MEADOW FESCUE (*Festuca pratensis*). Used in permanent pastures; very productive. Sow 50 lbs. per acre. **Lb. 24c., 100 lbs. \$22.00.**

MEADOW FOXTAIL (*Alopecurus pratensis*). Should always form a fair proportion of permanent pasture mixtures. It is very early, grows rapidly, and is highly relished by stock. **Lb. 45c., 100 lbs. \$40.00.**

ORCHARD GRASS (*Dactylis glomerata*). Fine for pastures; grows well under trees; very early; withstands drought and heat. **45 lbs. per acre. Lb. 26c., 100 lbs. \$24.00.**



Red Top

GRASSES—Continued

- RED FESCUE** (*Festuca rubra*). Very fibrous rooted; forms a thick, close sod. Valuable for terraces. Lb. 28c., 100 lbs. \$25.00.
- RED TOP, or HERD GRASS** (*Agrostis vulgaris*). One of the best permanent Grasses. Makes good pasture; valuable also for hay. 32 lbs. per acre. **Fancy, free from chaff.** Lb. 42c., 100 lbs. \$38.00.
- RED TOP, or HERD GRASS.** Same as above, except it is in chaff. Weighs only 14 lbs. per bushel. 50 lbs. per acre. Lb. 26c., 100 lbs. \$24.00.
- RHODE ISLAND BENT** (*Agrostis canina*). Valuable for lawns or pastures. Does well on any soil. 40 lbs. per acre. Lb. 50c., 100 lbs. \$45.00.
- SHEEP'S FESCUE** (*Festuca ovina*). Good for sheep pastures. Does well in dry soils. 30 lbs. per acre. Lb. 30c., 100 lbs. \$28.00.
- TALL FESCUE** (*Festuca elatior*). Early and productive. Good for wet or clay soils. Lb. 35c., 100 lbs. \$30.00.
- TALL MEADOW OAT GRASS** (*Avena elatior*). Valuable for hay and pasture. Lb. 30c., 100 lbs. \$25.00.
- TIMOTHY** (*Phleum pratense*). The most popular of all for hay. Planted in all sections. If planted alone, 35 to 40 lbs. per acre; less if with other grasses. Lb. 12c., 100 lbs. \$10.00.
- WOOD MEADOW GRASS** (*Poa nemoralis*). Fine for shady places. Makes a fine sod. Sow 28 lbs. per acre. Lb. 50c., 100 lbs. \$45.00.

CLOVERS

ALFALFA, OR LUCERNE (*Medicago sativa*)

The Clover of the West and is being more largely planted in the East every year. When thoroughly established can be cut three or four times a year, yielding heavily each cutting. Do not plant on heavy soil. Soil must be thoroughly prepared by deep plowing and harrowing until it is in fine condition. It roots deeply and is a great nitrogen gatherer. Sow 20 to 30 pounds per acre. Lb. 25c., 100 lbs. \$22.00.

ALSIKE, OR SWEDISH CLOVER

(*Trifolium hybridum*)

A cross between the Red and the White and the hardiest of the Clover family. Very valuable for pasture. Lasts many years. It is very sweet and fragrant. Bees obtain much honey from this Clover. Sow 8 pounds per acre. Lb. 35c., 100 lbs. \$32.00.

WHITE CLOVER

(*Trifolium repens*)

Valuable for lawns or for pastures; also very valuable for bees. Sow at rate of 6 pounds per acre with other Grasses, or 8 pounds if sown alone. Lb. 55c., 100 lbs. \$50.00.

MAMMOTH RED, OR PEA VINE CLOVER

(*Trifolium pratense perenne*)

More robust than the ordinary red Clover. Valuable for plowing under. Sow in Spring 12 to 14 pounds per acre. Lb. 30c., 100 lbs. \$27.00.

RED CLOVER

(*Trifolium pratense*)

Well known in all sections; planted largely wherever Grass is grown. Sow in Spring, 12 to 14 lbs. per acre. Lb. 28c., 100 lbs. \$25.00.

SCARLET, OR CRIMSON CLOVER

(*Trifolium incarnatum*)

Used largely as a soil enricher. Sown in the Fall and plowed under in Spring it is a very valuable green manure. It roots deeply and places in the soil an abundance of nitrogen. Sow 15 to 20 pounds per acre. Lb. 12c., 100 lbs. \$10.00.



Alfalfa, or Lucerne

NOLL'S GARDEN GUIDE

OUR "Guide" is a necessity for profitable and successful gardening and can be had free, if requested with a cash order of one dollar and over. When in doubt consult this booklet; replete with all the necessary information in condensed form on all matters pertaining to horticulture. The cultural directions are given in plain language; all unnecessary botanical terms have been omitted, and our patrons will find this little book of great value and practical assistance. It contains talks on Cold Frames, Spray Calendar, Hot Beds, how, when and where to sow seeds, their care after germination and later the harvesting of the crop. The Garden Guide also treats of the making and care of lawns, the use of fertilizers and insecticides, etc., in fact on all the main issues tending to successful gardening. Price: 25c. postpaid.



Dwarf Essex Rape

MILLET

German, or Golden. Medium early; grows 3 to 5 feet in height; heads are compact and well filled; very large spikes. Seed round and bright golden color. For hay, sow broadcast three pecks to one bushel per acre; for seed, plant in drills one-third to one-half bushel per acre. Usually planted from May until August, according to location. Bus. (50 lbs.) \$2.70; 10 bus. \$26.00.

Hungarian. A favorite Summer forage crop. Sown in June can be cut in about 60 days. Will yield 2 to 3 tons of hay per acre. Withstands heat and drought well. Plant about three pecks to one bushel per acre. Bus. (48 lbs.) \$2.40; 10 bus. \$23.00.

Japanese Millet. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 feet; makes valuable forage, and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre. Lb. 10c., 10 lbs. 90c., 100 lbs. \$8.00.

OATS

White Tartar. A favorite variety in New York State, where it is grown in large quantities on account of its many good qualities. Heads are very large, well filled with large kernels, straw very stiff and strong, standing up well in bad weather. This variety has outyielded any other in trials and field crops. We have the pure selected stock. Pk. (8 lbs.) 50c., bus. (32 lbs.) \$1.50; 10 bus. (320 lbs.) \$13.50.

White Cluster. This variety comes to us from the great Oat growing section of Ohio, where it is taking the preference over all other sorts, on account of its enormous yields. Straw tall, very stiff and heavy; grain large and white. Heads long, of branching habit and well filled always. It has great stooling habit. Pk. (8 lbs.) 50c., bus. (32 lbs.) \$1.50; 10 bus. (320 lbs.) \$13.50.

White Russian. A large, heavy, plump Oat; stools very freely, has stout straw. Pk. (8 lbs.) 50c., bus. (32 lbs.) \$1.40; 10 bus. (320 lbs.) \$13.00.

Prices Subject to Change

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Can be planted alone or with other forage crops. Lb. 15c., 10 lbs. \$1.20; 25 lbs. \$2.50; 100 lbs. \$8.00.

RYE

Spring. A fine catch crop to plant where Fall-sown grain has failed. $1\frac{1}{2}$ bushels per acre. Bus. (56 lbs.) \$2.60; 10 bus. (560 lbs.) \$25.00.

Winter. The Rye largely planted in the Fall. Bus. (56 lbs.) \$1.90; 10 bus. (560 lbs.) \$18.00.

VETCHES, or TARES and Peas

Spring Vetch. Plant 2 bushels per acre. Culture same as Field Peas. A valuable cover crop. Pk. \$1.50; bus. (60 lbs.) \$3.50.

Winter, Hairy, or Sand Vetch. Usually planted in Fall, is hardy and enormously productive; a fine cover crop. Plant alone, 1 bus. per acre, or with Rye, $\frac{3}{4}$ bushel of Vetch and $\frac{1}{2}$ bushel of Rye per acre. Cut for forage before seed sets, it will produce a second crop on same ground. Lb. 14c., bus. (60 lbs.) \$7.00; 100 lbs. \$11.00.

Canada White Field Peas. Exceptionally hardy and valuable for early Spring sowing; very prolific. Pk. \$1.00; bus. of 60 lbs. \$2.70; 10 bus. \$26.00.



White Cluster Oats

FLOWER SEED NOVELTIES AND SPECIALTIES OF MERIT

ANTIRRHINUM (Snapdragon) fl. pl.

A new variety of the tall-flowering Snapdragon. The flowers are white and are borne on long spikes. An excellent cut flower for vases. H. P. Pkt. 15c.

ANTIRRHINUM (Snapdragon) fl. pl. Yellow

This is a new variety producing double flowers of a brilliant canary yellow and possesses in other respects the same remarkable attributes as its predecessor. H. P. Pkt. 15c.

ANTIRRHINUM (Snapdragon) Majus Nanum Grandiflorum

Delicate pink. New, semi-dwarf, large-flowered Snapdragon, producing flowers of a soft shade of rose with white throat. H. P. Pkt. 15c.

AQUILEGIA CHRYSANTHA (Double Yellow)

A new variety of Aquilegia, having exquisite flowers of deep golden yellow; 70 per cent. come double. H. P. Pkt. 15c.

ASTER—Branching (White, Passing to Rose)

Quite a new color in this most useful class. Opening delicate, pure white, a deep rose tint appears on the tips of the petals. Pkt. 15c.

ASTER—Branching (Pale Yellow)

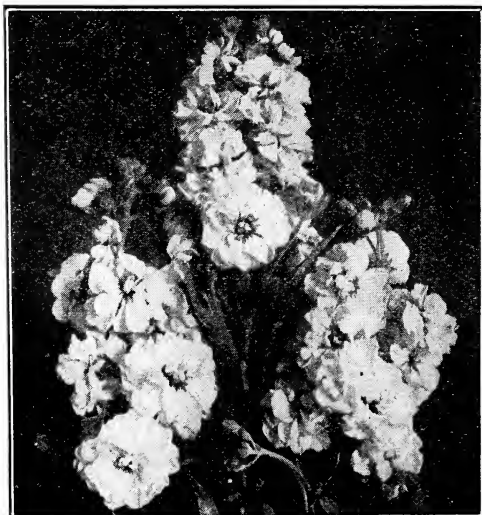
A new variety of Aster. The color is a distinct delicate yellow. Pkt. 15c.

ASTER—Ostrich Plume (Dark Maroon)

Splendid new color of the true Ostrich Plume variety. The flowers open a violet red tint, changing to a dark velvety maroon. Pkt. 15c.

COCKSCOMB—Dwarf Variegated

Of the same height as the other sorts, but with extra-sized combs of variegated hue, presenting blotches and bands of yellow, red, rose and violet. Pkt. 15c.



Stock, Giant Abundance



Dimorphotheca aurantiaca Hybrids

DIMORPHOTHECA AURANTIACA HYBRIDS

(Transvaal Daisy)

New selected Hybrids in a splendid mixture, growing from 12 to 15 inches in height and producing elegant flowers measuring $2\frac{1}{2}$ to $2\frac{3}{4}$ inches across. H. A. Pkt. 20c.

GERBERA JAMESONI

(Scarlet Transvaal Daisy)

An excellent flower growing to the height of 2 to 3 feet; of a deep scarlet shade. Fine for cutting. H. H. P. Pkt. 20c.

GYPSOPHILA MURALIS ALBA

A distinct variety of Gypsophila muralis, possessing all the good qualities of the rose-blooming type, but with snow-white flowers. Pkt. 20c.

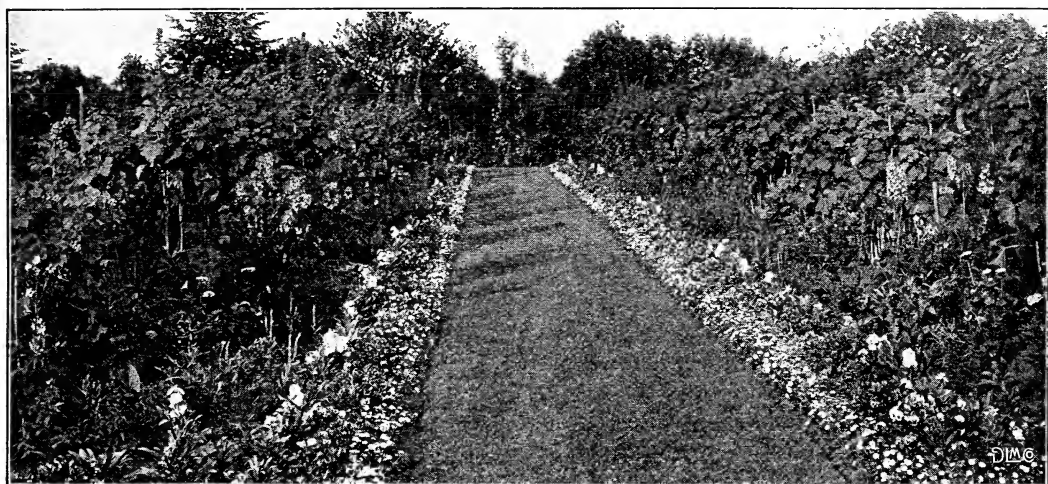
PENTSTEMON HARTWEGII

(Gentianoides Albus)

The plants of this fine new variety attain a height of about $2\frac{1}{2}$ ft., producing pure white flowers borne on long spikes. Pkt. 20c.

STOCK GIANT ABUNDANCE

An exquisite variety of Stocks, producing fine, large spikes of carmine-rose flowers. Pkt. 15c.



CHOICE FLOWER SEEDS

WE make a specialty of sending out only choice varieties of flower seeds, which are grown for us by experts in this line. We do not send out seeds carried over from previous seasons, but seeds we get fresh every year. We have thousands of satisfied customers who purchase their flower seeds from us, as well as other seeds, etc., in our line. Send us an order and be one of the satisfied customers.

ANNUALS. Attain full growth, flower and die in one year.

BIENNIALS. Grow from seed one year, bloom and die the next, though some varieties bloom the first season when sown early.

PERENNIALS. Last for several years, blooming annually after the first season, though some varieties will bloom the first season if sown early.

EXPLANATION OF ABBREVIATIONS

H. A.—Hardy Annuals.
H. H. A.—Half-hardy Annuals.
T. A.—Tender Annuals.

H. B.—Hardy Biennials.
H. H. B.—Half-hardy Biennials.
H. P.—Hardy Perennials.
H. H. P.—Half-hardy Perennials.

T. P.—Tender Perennials.
G. P.—Greenhouse Plants.
C.—Climber.

ABRONIA umbellata (Sand Verbena). Very pretty trailing plants; numerous clusters of sweet-scented flowers. Rosy lilac with white eye. H. H. A. 6 in. Pkt. \$0.05

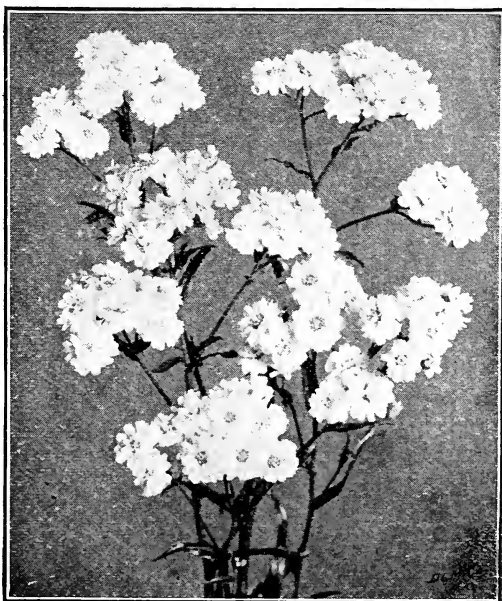
ABUTILON (Flowering Maple). Handsome little bushes; bears pretty drooping bell-shaped flowers on slender stems. The plants flower profusely and almost constantly. Blooms readily from seed the first Summer. G. P. 2-3 ft.

New French Hybrids. Magnificent mixed.10

ACHILLEA, The Pearl (Yarrow). An abundance of charming, large, double, pure white flowers throughout the Summer; splendid for cutting; excellent florist's flower; of easy culture. H. P. 2 ft.10

ACONITUM Napellus (Monk's Hood). Long spikes, curiously shaped blue and white flowers. Plant in a shady position. Seed germinates slowly. H. P. 3 ft.05

ADLUMIA (Alleghany Vine). Feathery foliage like the Maidenhair Fern. Flowers tube-shaped, delicate rose, pink and white completely cover the plant. Desirable for covering trellises, stumps of trees, etc. H. P. C. 15 ft.10



Achillea, The Pearl

AGERATUM (Floss Flower)

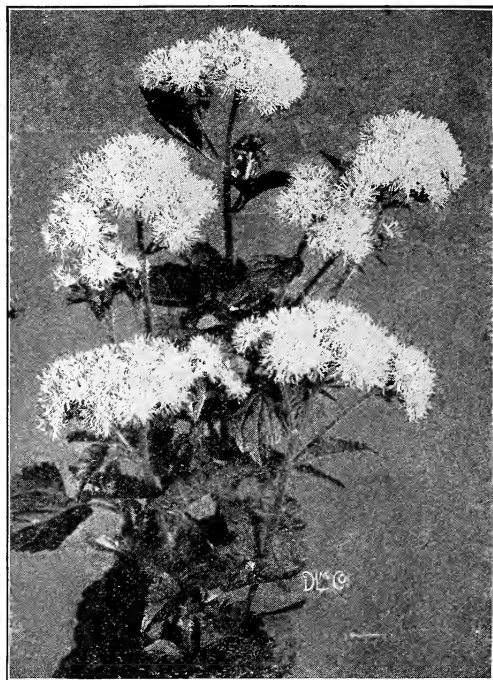
One of the leading plants for beds or borders. Rapid growers, early and constant bloomers, and their bright flowers are produced in the greatest profusion. H. A.

	Pkt.
Lasseauxi. Rose-colored flowers growing to the height of 1 ft.	\$0.05
Little Blue Star. The best of all dwarf flowering sorts. The small plants are almost completely covered with the lovely clusters of light blue flowers with dark red center, changing to pure light blue. 4-5 in. ....	.10
Blue Gem. Large dark blue flowers. 6 in. ....	.05
Purity. A beautiful variety. Large, pure white flowers of finest form. 9 in. ....	.10
Mixed. All sorts. ¼ oz. 15c. ....	.05
AGROSTEMMA (Rose Champion). Mixed. Bright colored flowers on long, slender stems like a single pink; blooms the first season. Fine cut flower. H. P. 1-2 ft. ....	.05

ALYSSUM

A free-flowering annual of great beauty and utility. Easy to grow and everywhere popular. Useful for beds, vases, edgings or rockeries. The fragrant flowers may be cut constantly all Summer, others forming at once. H. A.

	Pkt.
Carpet of Snow. The plants grow so dense and are so completely covered with the magnificent snow-white blooms that they create the impression of a beautiful carpet of snow. The best variety for beds or borders. Commence to bloom when quite small and will flower all Summer until late in the Fall. 3-4 in. ½ oz. 25c., oz. 50c.	\$0.10
Sweet. A fine variety for cut flowers. To prevent sowing too thickly mix seed with sand before sowing. 4-5 in. ½ oz. 20c., oz. 35c. ....	.05
Saxatile compactum (Basket of Gold). Beautiful golden-yellow flowers. Desirable for rockwork. H. P. 12 in. ....	.05



Ageratum Purity

AMARANTHUS

Ornamental foliage plants of striking effect. Do not grow too closely; allow room for development. T. A.

Caudatus (Love-Lies-Bleeding). Blood red; drooping. 3 ft.	Pkt. \$0.05
Tricolor splendens (Joseph's Coat). Scarlet, green and yellow; a fine variety. 3 ft. ....	.05
Mixed. Many beautiful sorts. ....	.05
AMPELOPSIS Veitchii (Boston Ivy). Clings to the smoothest walls. In the Autumn the glossy leaves assume the most beautiful tints of scarlet and crimson. H. P. C. 30-60 ft. ....	.10



Sweet Alyssum

ANTIRRHINUM (Snapdragon)

A showy and useful plant, and one of the most popular flowers; useful for beds or borders. H. A.

The Snapdragon is one of our finest biennials, flowering the first year from seed. The average height of the tall sorts is about 1½ ft.

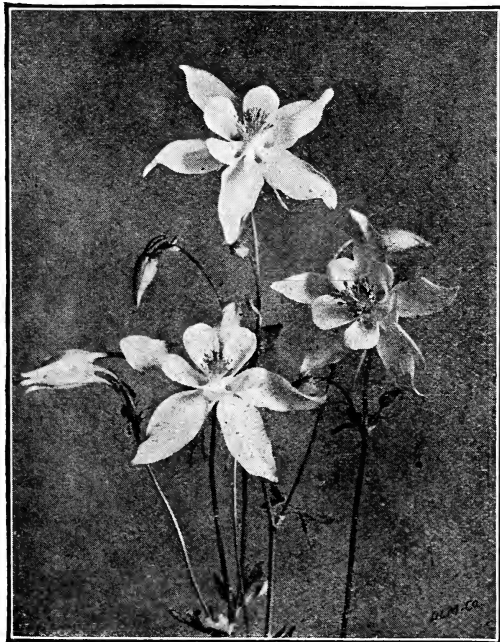
TALL VARIETIES

	Pkt.
Luteum. Bright yellow.....	\$0.05
Atrococcineum. Dark scarlet.....	.05
Romeo. Violet rose with pale lip.....	.05
Firefly. Scarlet and white.....	.05
Album. Pure white.....	.05
Cottage Maid. Creamy white tube with a soft, bright rose face and rich yellow lip..	.10
Tall Mixed. All sorts..... ½ oz. 30c.	.05
New Giant-flowered. Mixed... ¼ oz. 25c.	.10
Tom Thumb. Mixed. 10 in.....	.10

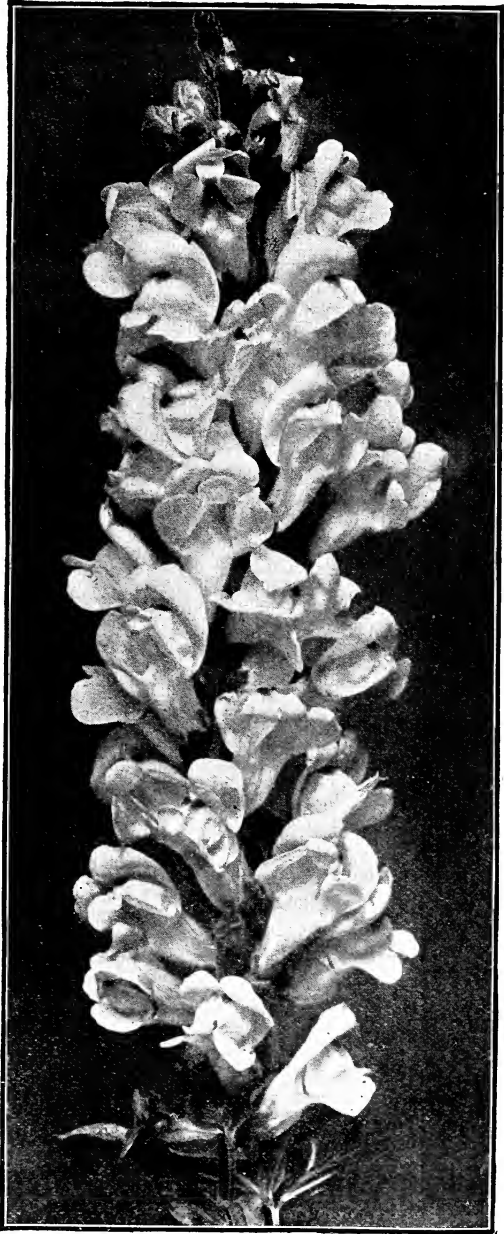
AQUILEGIA (Columbine)

Bears countless numbers of exquisite blossoms. Few hardy perennials are as easily raised from seed. H. P.

	Pkt.
Coerulea Sepal. White with lilac on tip of petals. 3 ft.....	\$0.10
Chrysantha. Golden yellow. 3 ft.....	.10
Skinneri. Crimson and light green. 3 ft..	.10
Jaetscham. Yellow, long red spurs. 3 ft..	.10
Flabellata nana alba. White. 1 ft.....	.10
Rose Queen. Rose shades with white....	.10
Single Mixed. All colors. 2 ft.....	.05
Double Mixed. All colors. 2 ft.....	.05
ARISTOLOCHIA Siphon (Dutchman's Pipe). Rapid, luxuriant growth; large, heart-shaped leaves; curious brown-purple flowers, thought to resemble pipes. H. P. C. 30 ft.....	.10
ASPERULA odorata (Sweet Woodruff). Grown for the fragrant leaves and stems. H. P.....	.05



Single-flowered Aquilegia



Antirrhinum album

ASPARAGUS Sprengeri (Emerald Feather). One of the best plants to grow in suspended baskets. Remains fresh a long time after planting. T. P. 4-6 ft.....	Pkt. \$0.10
Plumosus nanus (Climbing Lace Fern). Of wonderful beauty; the leaves are bright green, gracefully arched, surpassing the Maidenhair Fern in grace, texture and richness of color. T. P. 3-4 ft....	.20

See page 50 for Novelties and Specialties
in Flower Seeds

NOLL'S ASTERS

(Queen Margaret)

Asters are of very easy culture. Seed can be sown in the open ground in May, for blooming during September and October. For earlier blooms sow in March or April in hotbed, coldframe or boxes in the house. Do not cover seed more than one-quarter of an inch. H. A.



Truffaut's
Peony-Flowered Aster

Queen of the Market

Best early Aster in cultivation. Usually in bloom two weeks before most other sorts. 1 ft.

White, Crimson, Pink, Blue.....	Pkt. \$0.10
Mixed. All colors. 1/4 oz. 35c., oz. \$1.00	.10

Sample's Late Branching

Superior to any other class of late-flowering, branching Asters. Flowers large, 4 inches across, very double, and are borne on long stems. Grand for cutting. 18-24 in.

White, Lavender, Shell Pink, Crimson	Pkt. \$0.10
Mixed.....1/4 oz. 30c., oz. \$1.00	.10

Giant Comet, or Poodle

Flowers of immense size, often 6 inches across. Long, wavy twisted petals, gracefully formed into loose yet dense half globes, resembling Japanese Chrysanthemums. 12-16 in.

White, Bright Rose, Dark Violet, Azure	Pkt.
Blue, Crimson, Yellow.....	\$0.10
Mixed.....1/4 oz. 35c., oz. \$1.25	.10

Hohenzollern

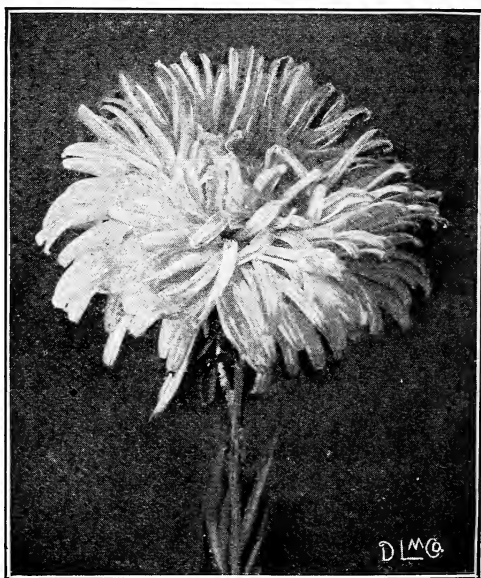
A very splendid sort for cutting; about 18 in. tall.

White, Rose, Dark Blue.....	Pkt. \$0.10
Mixed.....1/4 oz. 85c., oz. \$1.00	.10

Noll's Improved Victoria

Our strain of this type is undoubtedly the finest in existence. Flowers large, perfectly double, each petal elegantly overlapping and beautifully imbricated; plants of pyramidal form. 18 in.

Pure White, Crimson, Light Blue, Violet,	Pkt.
Peach Blossom.....	\$0.10
Mixed.....1/4 oz. 75c., oz. \$1.00	.10



Giant Comet Aster

. ASTERS—Continued

Noll's Mammoth Chrysanthemum-Flowered

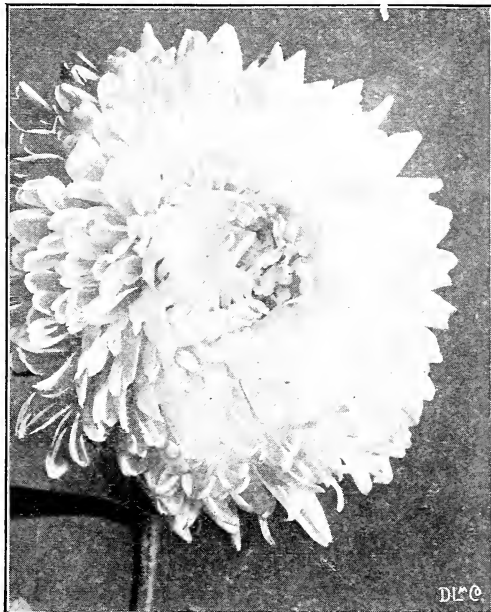
They combine more points of merit than any other one class of Asters, bearing extraordinarily large semi-spherical double flowers, averaging five inches in diameter, of the most symmetrical form. They are of great durability, the petals being of splendid substance, withstanding storms, rains and hot suns better than any other Aster. 20 in.

White. Handsome, pure satiny white, fine form.....	Pkt. \$0.10
Scarlet. Magnificent, glowing crimson scarlet.....	.10
Peach Blossom. Extra fine, lovely bright rose.....	.10
Light Blue. Beautiful light azure blue....	.10
Mixed. All colors.....	¼ oz. 75c., oz. \$2.50 .10

Truffaut's Peony-Flowered

Flowers very large, from 3 to 4 in. in diameter; stems long and wiry. 18-24 in. Pkt.

Light Blue, Pink, Snow White, Scarlet..	\$0.10
Mixed.....	¼ oz. 40c. .10



Noll's Mammoth Chrysanthemum-flowered Aster

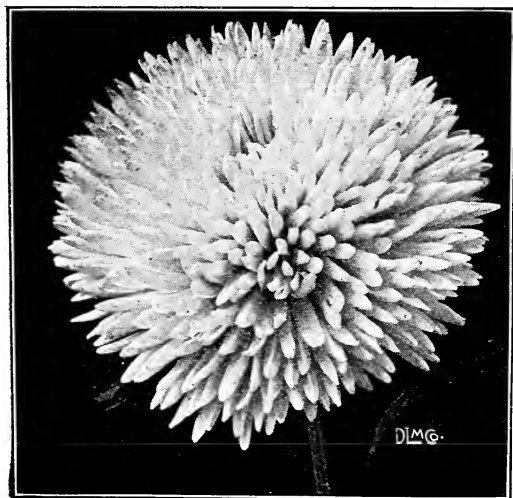
Ostrich Feather

Resembles Giant Comet in form, differing in a greater freedom of bloom. Flowers have more loosely arranged petals and are from 5 to 7 in. in diameter. 12-16 in. Pkt.

Finest Mixed.....	\$0.10
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Noll's Choice Varieties Mixed

Comprises over 80 sorts of Asters and is the best mixture known for general planting. It is made by ourselves and includes the choicest kinds. Pkt. 5c., 1/8 oz. 25c., 1/4 oz. 40c., oz. \$1.25.



Daybreak Aster

The Vick Asters

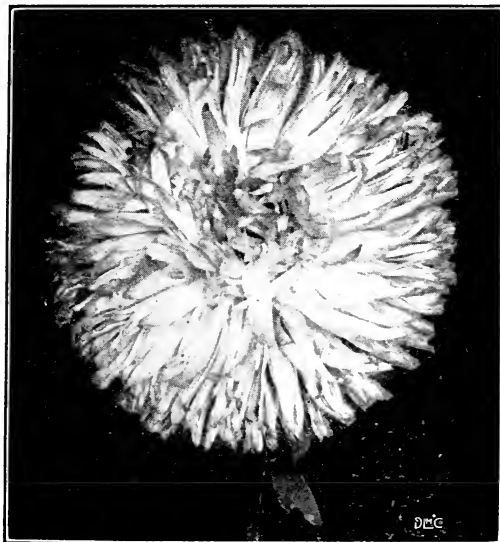
Unsurpassed for cutting. Pkt.

Purity. White.....	\$0.10
Daybreak. Pink.....	.10
Sunset. Light pink.....	.10

Crego Aster

The plants are of a branching growth, attaining a height of from 2 to 2½ ft. The flowers measure 4 inches in diameter and have a curling of reflexed petals in the center; blooming in August and September. Pkt.

White.....	\$0.10
Pink.....	.10



Crego Aster



Noll's Superb Large-flowered Balsam

BALLOON VINE (Love-in-a-Puff). A rapid Pkt. grower; bears small white flowers followed by inflated seed pods. T. A. C. 10 ft. \$0.10

NOLL'S SUPERB LARGE-FLOWERED DOUBLE BALSAM

This is the finest strain yet attained, the magnificent flowers being of immense size and faultless form. More uniformly double than any other strain. The plants should be transplanted once or twice to assure a greater number of flowers. H. A. 18-24 in.

Double White, Rose, Yellow, Scarlet and Pkt. Lavender.....Oz. 75c. \$0.10
Double Mixed.....Oz. 70c. .05

BABY, or FAIRY ROSES. Blooms in three months after sowing. Seed sown in February in the house will bloom in June in the open ground, and continue throughout the season. Flowers mostly double, borne in clusters. H. P. 15 in.10

BEGONIA. They take rank with Geraniums and Coleus as bedding plants, doing as well in full sunlight as in partial shade. Easily raised from seed. T. P. 8-12 in.

Vernon. Fibrous rooted. Bright orange-carmine flowers..... .10

Tuberous-Rooted. Double and single, mixed. All colors..... .20

BIRD OF PARADISE FLOWER. Flowers rich golden yellow, $2\frac{1}{2}$ in. in diameter, produced in large trusses; the incurved stamens and pistils are of a beautiful, bright scarlet, and are indeed striking. Soak seed in warm water for 24 hours before planting and start indoors or under glass in light soil. G. P. 24-36 in. \$0.10

BITTER SWEET (Wax Work). Handsome large leaves; produces yellow flowers in May and June; clusters of ornamental orange-capsuled fruit in Autumn. H. P. C. 15-25 ft.05

BOLTONIA Asteroides (1000 to 1 Aster). Innumerable white flowers nearly an inch across. Flowers from July until October. H. P. 3-5 ft.10

BROWALLIA (Amethyst). Completely covered during Summer with innumerable flowers. Sow in August for Winterblooming. G. P.

Speciosa major. Brilliant ultramarine-blue flower, larger than any other variety. 1 ft.10

Mixed. Many colors. 18 in.05

BUTTERFLY RUNNER BEAN. The large wings are pure, spotless white, standard salmon rose. These two colors make a most extraordinary contrast, which is very striking. Fine for arbors and trellis, surpassing the Scarlet Runner in abundance of bloom. A. C. 12-15 ft.10

BUTTERFLY FLOWER, or SCHIZANTHUS. Easily grown, bearing quantities of gay butterfly-like flowers, beautifully marked. H. A. 18-24 in. Mixed colors.. .05



Butterfly Flower (Schizanthus)

CALCEOLARIA. Highly colored, pocket-like flowers, produced in great profusion. Pkt.
Sow seed on surface of light soil or leaf mold. G. P. 1 ft.
Fine Mixed Hybrids...... \$0.20

CALENDULA (Cape, or Pot Marigold)

Will grow in almost any soil. Blooms abundantly and continuously; of easy culture; indispensable for garden or pot culture. H. A. 1 ft.

Prince of Orange. Flowers often 4 inches Pkt.
across, perfectly double, of the most brilliant orange color. A profuse bloomer. . . \$0.05
Mixed. Many beautiful double sorts. Oz. 15c. .05

CALLIOPSIS

Thrives in any soil and requires scarcely any care. Blooms until frost. Fine cut flower. H. A. 12-30 in.

Hybrida superba. Forms dense bushes, Pkt.
covered the entire Summer with the beautiful flowers, in all shades of orange yellow to the deepest velvety brown. 18 in. . \$0.10

Drummondii (Golden Wave). Gold and brown. 1 ft.05

Bicolor Nana Radiata (Golden Ray). Golden-yellow flowers with dark purplish-brown centers. 6-8 in.05
Mixed. All sorts and colors. . . Oz. 20c. .05

CANARY BIRD FLOWER. Finely cut leaves, and bears a profusion of beautiful golden-yellow, fragrant flowers. A pretty vine for a sheltered position. T. A. C. 10 ft.Oz. 25c. .05

CANDYTUFT

Requires little care, blooms all Summer. Sow in early Spring and in August. H. A. 6-12 in.

Empress. Large white trusses of branching habit; very free blooming. Recommended for bedding and also fine as a cut flower. Pkt. Oz. 25c. \$0.05

Little Prince. This charming dwarf variety is in great demand for borders and is a very satisfactory and pleasing bedder. The bloom is pure white; plant of compact growth and a profuse bloomer. . . Oz. 30c. .05

Carminea. Large umbels, rich carmine.05

Purpurea. The very darkest crimson. A handsome strain.05

Lilacina. Purple. 12 in.05

Queen of Italy. Fine pink flowers. 6 in.10

Mixed. All sorts. Oz. 25c. .05

Dwarf Hybrids. Mixed.10

HARDY PERENNIAL CANDYTUFT

Semperflorens. Pretty white flowers, evergreen foliage.10

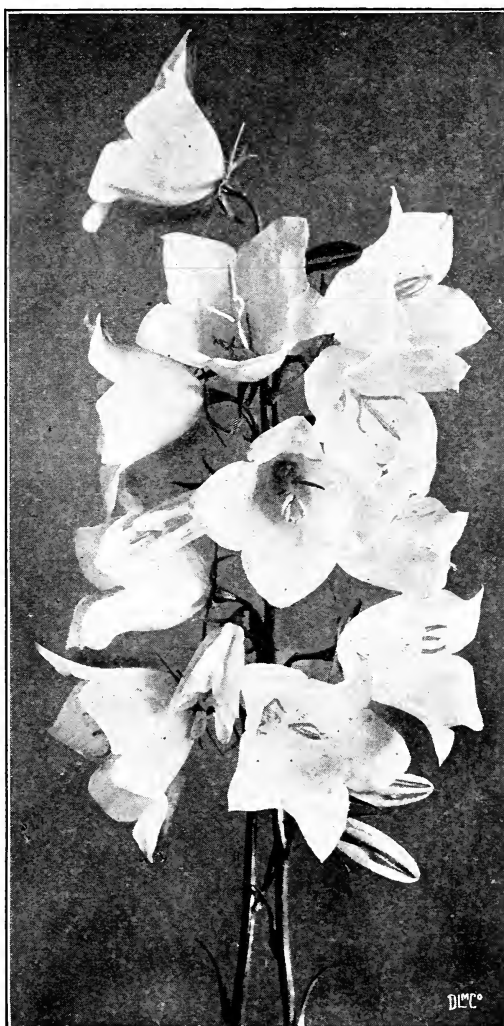
Gibraltarica. Lilac, shaded to white.10

CANNA (Indian Shot Plant)

Produce a rich effect with their broad and massive foliage and spikes of brilliant flowers. Pierce shell of the seed and soak in warm water 24 hours. Blooms from seed the first year. T. P. 2-5 ft.

Crozy's Hybrids. Magnificent flowers, thick, Pkt.
leathery foliage. Oz. 25c. \$0.10

Fine Mixed. All colors. Oz. 15c., ¼ lb. 50c. .05



Campanula Carpatica

CAMPANULA (Bellflower, Canterbury Bell)

Bears a great profusion of attractive, bell-shaped flowers. Thrives in almost any soil. H. P. 1-2 ft.

Carpatica. Large blue or white flowers. Pkt.
Blooms the entire season. 6-12 in. \$0.05

Single Blue (True Canterbury Bell). H. B. .10

“ **White.** Very pretty for contrasts.10

“ **Rose**10

“ **Mixed**05

Double Blue. Summer and Fall bloomers. . .10

“ **White.** Appearance waxy.10

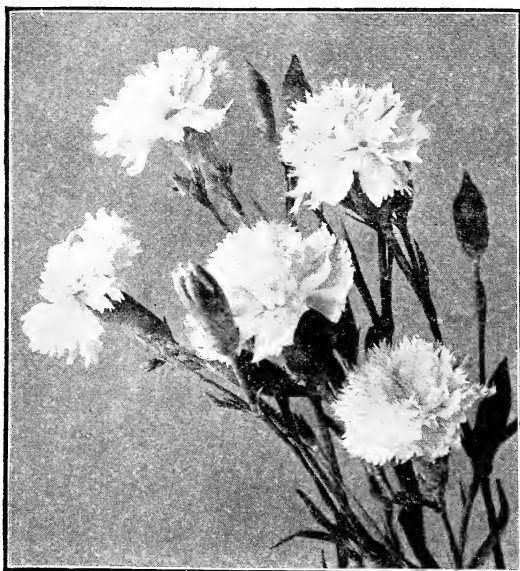
“ **Rose**10

“ **Mixed**05

MEDIUM CALYCANTHEMA. (Cup and Saucer). Often have 35 to 40 flowers open at the same time. 2 ft.

Blue, White, Rose10

Mixed10



Giant Marguerite Carnation

CARNATION, GIANT MARGUERITE

Blooms in a few weeks from sowing. Makes a magnificent display in the open garden. This strain is the most compact and floriferous. For bedding or borders are unsurpassed. Plant grows upright and needs no support. Flowers double, measuring about 3 inches. H. A. 18 in. Pkt.

Giant White.....	\$0.10
Giant Scarlet.....	.10
Giant Yellow.....	.10
Giant Mixed.....	1/4 oz. 50c. .10

Early Dwarf Vienna. A very fine variety of Carnation for indoor culture. Excellent for cutting. H. A. 1 ft.

Double White, Rose, Mixed.....	.10
--------------------------------	-----

Double Red (Grenadin). Valuable for outdoor culture. 2 ft. Bright scarlet flowers. .10

Double Perpetual Carnation.....	.15
Finest Mixed.....	.15

CATCHFLY. Forms compact, round bushes; produces dense umbels of red, pink or white flowers. H. A. 12 in. Mixed .05

CELOSIA (Cockscomb)

Of easy culture and should be planted in every garden, large or small. The dwarf flowering varieties are excellent for borders and the taller sorts for backgrounds. Blooms the entire Summer. H. A.

President Thiers. Bears large crimson Pkt. combs. Excellent for borders. 1 ft. \$0.10

Cristata, Dwarf Mixed. The best dwarf varieties. 1 ft.05

Thompson's Magnifica. The most perfect strain of ostrich-plumed Cockscombs. Color ranges from clear yellow to blood-red in the most magnificent shades. 2-3 ft. .10

Spicata. Flowers pink, shading to silver-white. 2 1/2 ft.05

Plumosa. One of the finest sorts. Blooms in late Summer and Autumn. Produces large, showy plumes. T. A. 2-3 ft. Crimson, orange and mixed.10

CENTAUREA CYANUS

(Blue Bottle, Ragged Sailor, Korn Blume, Corn Flower, Bluet, Bachelor's Button, etc.)

Very free flowering. Favorite flowers for cutting especially for boutonnières. H. A. 2-3 ft. Pkt.

Blue Emperor. Fine, bright blue. .Oz. 15c. \$0.05

Double Blue. A fine cut flower; a very few make a fine bouquet. 1/4 oz. 30c. .10

Rose. A very distinct shade 1 1/2 ft.05

Mixed. Single and double varieties. 1/2 oz 20c., oz 35c. .05

CENTAUREA, GIANT SWEET SULTAN

(*Centaurea Imperialis*)

Will keep for at least a week if cut when just about to open. Sow every three weeks for a constant succession of magnificent blooms the entire Summer and Fall. Blossoms about 5 inches across. H. A. 4 ft.

Chameleon. Pale yellow when opening, Pkt. turning to a beautiful rose color. \$0.10

Odorata. Light blue; highly fragrant.10

Margaritae. Snow-white blossoms. Extra large flowers on stems about 2 ft. long. e.

The blossom has a lasting fragrance and is in great demand for cut flowers.10

Suaevolens (Grecian Corn Flower). Brilliant yellow; sweet scented.10

Imperialis, Mixed. The above sorts.05

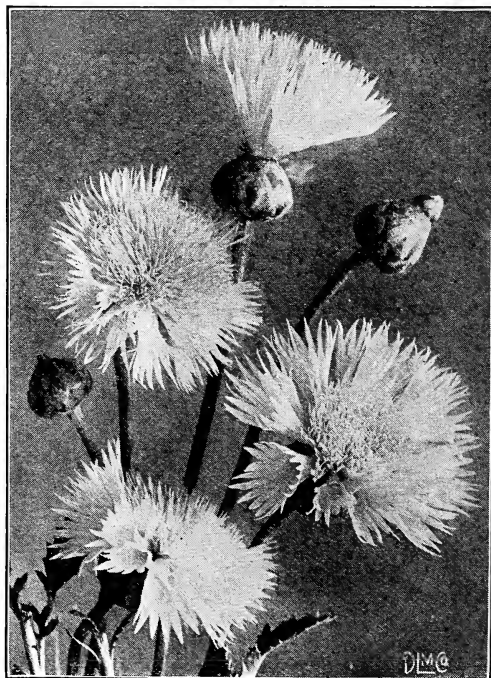
Americana. This is one of the finest sorts. The plants are large and bushy, bearing lilac-purple flowers. H. A.10

CENTAUREA, DUSTY MILLER

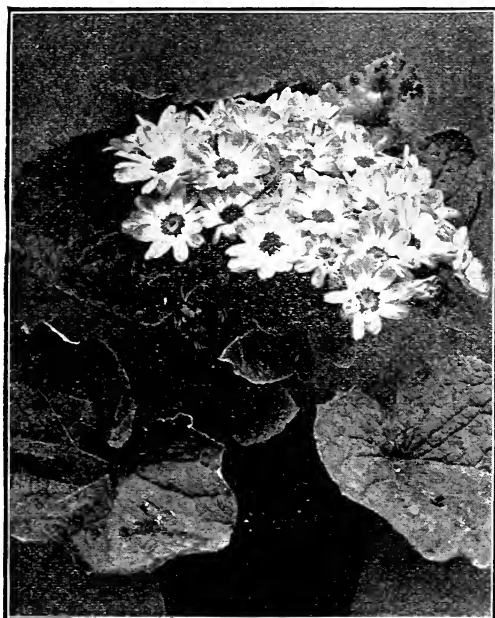
Extensively used for borders, margins, bedding and hanging baskets. H. H. P. 1 ft. Pkt.

Candidissima. Silvery white cut foliage.. \$0.10

Gymnocarpa. Silver-gray foliage.10



Centaurea, Giant Sweet Sultan



Cineraria

CERASTIUM tomentosum. A favorite Pkt.
plant, of the trailing habit, producing
abundant white flowers. H. P. \$0.20

CHRYSANTHEMUM

Extremely showy and effective Summer bloomers,
flowering freely through the Summer months until
cut down by frost. For early blooming start seeds
indoors the latter part of March. Transplant to the
garden when danger of frost is past. H. A. 2-3 ft.

Bridal Robe. Very profuse bloomer. A Pkt.
bed in full bloom resembles a drift of snow.. \$0.10

Coronarium. Double White.10

Double Yellow.10

Double Mixed.05

Tricolor. Single White.05

Single Yellow.05

Single Scarlet.05

Single Mixed.05

The Tricolor sorts have beautiful rings or
eyes of colors.

Chinese and Japanese, Large-flowering.
Seed sown early in the house will produce
plants that will bloom the first year. High-
ly recommended. Many blooms are single
or semi-double, but all are excellent for
cutting. H. P. 2-3 ft.20

**Frutescens (Paris Daisy, or French Margue-
rite).** Large, star-shaped white flowers,
with yellow center. H. P. 1 ft.10

**CHINESE LANTERN PLANT, or Japa-
nese Winter Cherry.** Produces in great
abundance balloon-like husks about 3½
in. across, which at first are bright green,
changing later to yellow, then orange and
scarlet, greatly resembling at the last
miniature Chinese lanterns when lighted.
H. A. 2 ft.10

CINERARIA (Cape Aster). Our strain of Pkt.
Cineraria seed is unsurpassed for beauti-
ful variety, richness of color, as well as
perfection of form and size of flower.
G. P. 18 in.

Noll's Choicest Hybrids. Our superior
strain. \$0.25

CLARKIA. A profuse bloomer. Colors
red, white, purple, etc. H. A. 18 in.

Fine Mixed. Double and single varieties .05

CLEMATIS

One of the best climbers for trellis, veranda, etc.
H. P. C. 15-20 ft.

Paniculata (Virgin's Bower). Star-like white Pkt.
blossoms, so densely produced as to com-
pletely hide the glossy green leaves; never
troubled by insects. Flowers very frag-
rant. \$0.10

Jackman's Hybrids. Large-flowering va-
rieties. Colors purple, red, white, etc. .10

Mixed. All sorts.10

COBAEA (Cathedral Bells). One of the
handsomest and most rapid growers.
Flowers large, bell shaped and a profuse
bloomer. Place seed edgewise when
planting. A. C. 30 ft.

Scandens. Rich purple.10

Mixed.10

COLEUS

The handsomest foliage plant obtained from seed,
largely used for beds or borders. The colorings
on the leaves are remarkably rich and varied, ranging
through all colors, variously combined and delicately
blended. T. A. 12-24 in.

Mammoth Rainbow. Large leaves, often Pkt.
10 in. in length and 8 in. across, crumpled
and serrated in various ways. \$0.15

Fine Mixed. Many fine varieties.10



Chrysanthemum Coronarium, Double White

CONVOLVULUS (Morning Glory)

Easily grown in any situation. One of the most popular climbing plants. Almost every color is represented and for covering arbors or trellis is entirely satisfactory. H. A. C.

Major. This is too well known to need a Pkt. description. One seldom finds a more satisfactory vine. 12-15 ft. Mixed colors. Oz. 15c. \$0.05

Minor (Trailing, or Dwarf Morning Glory). An excellent bedder, completely covers the ground; the large flowers are of many brilliant colors. 1 ft. Tricolor, mixed.. .05

COREOPSIS lanceolata. The bright yellow flowers are produced freely all Summer. Will grow and thrive anywhere. H. P. 2-3 ft..... .05

COSMOS (The Glory of Autumn)

One of the most popular Autumn flowers and superior for cutting, lasting for several days. Start seed indoors to obtain an earlier and longer period of bloom. When the plants are about a foot high the top should be pinched off to induce a bushy growth. H. A. 3-7 ft.

Noll's Mammoth-flowered, Superb Mixed. Pkt.

Flowers of this superb strain are 5 in. across, in the most exquisite shades of pink, crimson, red and dark maroon. The broad petals have great beauty. Start seed early and the results will be surprising. ¼ oz. 15c., ½ oz. 25c. \$0.10

Noll's Mammoth-flowering, Pearl. Pure white..... .10

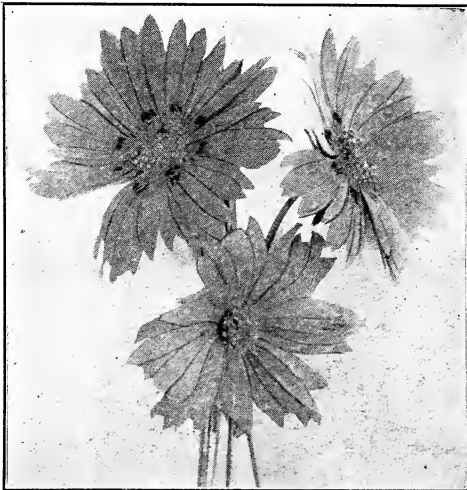
Noll's Mammoth-flowering, Pink...... .10

Noll's Mammoth-flowering, Sanguineus. Red..... .10

Klondyke. Orange colored; very fine..... .10

Large-flowered, Choice Mixed. All sorts in finest mixture... ½ oz. 15c., oz. 25c. .05

Early Summer-flowering. This new strain of early-flowering Cosmos we have been working up for several years. The plants are dwarfer than the late-flowering Cosmos, forming compact bushes. The colors are white, crimson and pink, which we offer only in mixture. Mixed colors. ¼ oz. 25c., ½ oz. 40c. .10



Coreopsis lanceolata



Cosmos

Lady Lenox. Immense flowers of an exquisite shade of shell pink. Petals so wide that they overlap each other..... \$0.10

CROTALARIA retusa (Yellow-flowering Pea). Rich golden-yellow blossoms of true Sweet Pea form. The blooms are in racemes, sometimes as many as 40 to a single spike. Dried seed pods when shaken sound like a child's rattle. G. P. 12-24 in. .10

CYCLAMEN

Charming plants with beautiful foliage and rich-colored, fragrant flowers. Sow seed in a compost of well-rotted manure, leaf mold and sand, cover lightly with moss; remove this after seed germinates. Flowers are of enormous size and borne well above foliage on long, stiff stems. G. P. 9-12 in. Pkt.

Persicum. Fine mixed..... \$0.10

Giganteum. Mammoth flowers. A splendid strain..... .20

CYPERUS alternifolius (Umbrella Plant). Resembles a Palm in general style and habit of growth. Can be easily grown in any bowl or dish half filled with rich soil. Keep well supplied with water. G. P. 18-24 in..... .10

CYPRESS VINE or STAR FLOWER

(Ipomoea Quamoclit)

For trailing upon a light ornamental trellis this cannot be excelled. The star-shaped blossoms are produced in profusion and the fine cut foliage of a pleasing light green is adapted to ornamental work; besides, if planted fairly thick will make a dense screen of exquisite Fern-like foliage and flowers. T. A. C. 10-15 ft.

Scarlet. Scarlet flowers in great profusion.. Pkt. Oz. 25c. \$0.05

White. White flowers..... Oz. 25c. .05

Mixed. Above in splendid mixture.. Oz. 20c. .05

DAHLIA

Seed planted early in the Spring will produce plants that will give abundant blooms the first Summer. As easy to grow as Zinnias. H.H.P. 2-5 ft.

- Large-flowered, Double Mixed.** A very Pkt.
choice selection from named double-flower-
ing varieties in finest mixture..2 pkts. 25c. \$0.15
Double Mixed. Very fine..... .10
Single Mixed...... .10
Cactus Mixed...... .10

DAISY (Bellis)

Seed sown in early Spring will bloom the first Summer, and continue for years if given slight protection during the Winter. Should be grown in partial shade. H. P. 3-6 in.

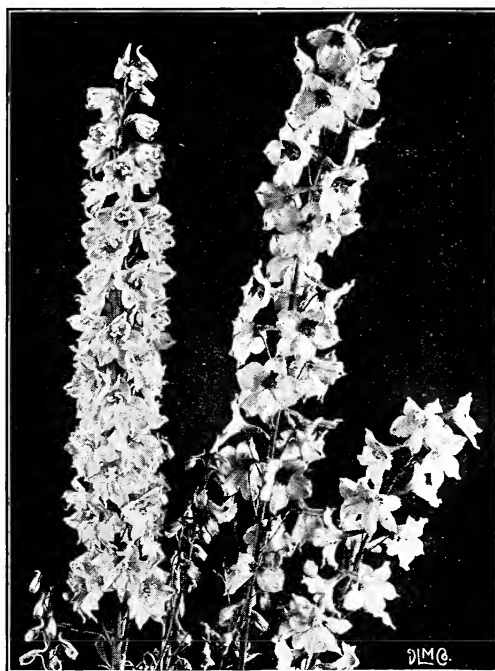
- Giant Red.** Glowing red, shaded rose; per- Pkt.
fectly double..... \$0.10
Giant White. Large, double; pure white.. 10
Snowball. Long stems, large, double white
flowers..... 10
Giant Double Mixed. Including all the
above..... .10
The Shasta. Excellent for bedding or
cut flowers. Flowers white, 3 to 4 in.
across on stems 18 in. long. Blooms
all through the Spring and Summer
months. 3 ft..... .10

DATURA (Trumpet Flower, Angel Trum-
pet). For a showy plant the Datura is
excellent. The grand trumpet-shaped
flowers measure .6 to 9 in. in length and
nearly 6 in. across and form two distinct
trumpets, one growing within the other.
H. H. A. 3 ft.

Cornucopia (Horn of Plenty). Flowers
white and purple; very fragrant..... .05



Double Dianthus



Delphinium formosum

DELPHINIUM (Perennial Larkspur)

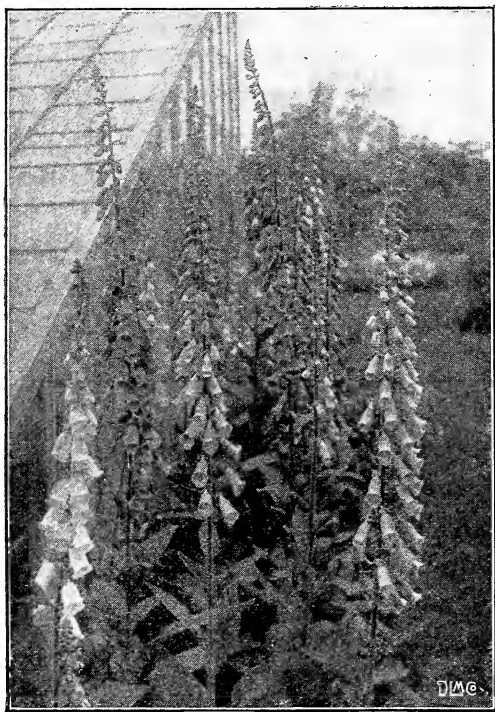
Effective in beds or masses, in shrubbery or bor-
ders, or in combination with white Lilies. Allow
ample room for development. H. P. 2-3 ft.

- Yellow Zalil.** Long spikes of a beautiful Pkt.
shade of sulphur yellow. A showy variety
and an excellent cut flower..... \$0.10
Formosum. Brilliant blue, white center.. 10
Brunonianum. Lovely blue, musk-scented
flowers. 3 ft..... .15
Cardinale. Orange scarlet. Very pretty. 2 ft. 15
Hybrids, Mixed. Choice varieties of fine
quality..... .10
Elatum hybridum. Finest double mixed... .20

DIANTHUS (Pinks)

Flower freely from seed the first year; bloom is
more profuse the second year. The color range is
wonderfully rich and varied. H. B. 1 ft.

- White Frills.** A magnificent white flower Pkt.
with deep, lacinated petals..... \$0.10
Chinensis (China or Indian Pink). Double
mixed..... Oz. 25c. .05
Wonderful. A finely fringed Japanese Pink
of wonderful beauty. The plants produce
their large flowers of 3 to 4 in. in diameter
on stiff, upright stems. The petals are
deeply cut and the color in all shades from
white to rose and deep purplish red.10
Plumarius (Scotch, Clove, or Grass Pink).
Seed sown in March will bloom the first
year. The flowers are delicately fringed,
variously colored and delightfully fra-
grant. H. P. 12-15 in..... .05
Plumarius, Double Mixed (Pheasant's Eye
Pink). Large flowers with fringed edges
and zones in various colors..... .10
Heddewegii Fireball. Double scarlet.... .10



Digitalis

DIGITALIS (Foxglove)

Colors varied and beautiful. The spikes of bloom are produced in abundance and make a brilliant display among shrubbery. Very easy to grow; succeeds everywhere. H. P. 3-4 ft. Pkt.

Purple. The best known..... \$0.05

White. Very pretty and attractive..... .05

Rose. A very fine shade..... .05

Yellow. Long spikes of bell-shaped flowers..... .05

Mixed. All colors..... ¼ oz. 15c. .05

Gloxiniæflora. Purple, white and rose.... .05

Mixed. This strain has long spikes bearing handsome Gloxinia-like flowers.... ¼ oz. 20c. .05

Maculata superba. Splendid, spotted strain..... .10

Monstrosa. Splendid mixed. 4 ft..... .10

DIMORPHOTHECA aurantiaca (African Gold Daisy). Of easy culture and forms bushy plants, that are completely covered with flowers 2 to 3 in. across, of a rich, dark, golden-yellow color, with a handsome black disc. A very desirable plant for pots, borders or edging. Plant out in full sunshine and it will bloom early and continuously. H. A. 1 ft..... .10

DOLICHOS (Hyacinth Bean). A rapid grower, flowering freely in erect racemes, followed by ornamental silvery seed pods. H. H. A. C. 10 ft.

Daylight. The best form of this beautiful climber. Bold spikes of pure white flowers, resembling the Sweet Pea in shape. The broad, silvery white seed pods are almost as ornamental as the bloom. Oz 20c. .05

Lablab. Mixed colors..... .05

DORONICUM Caucasicum. Large, yellow flower, blooming very early. H. P. 2 ft..... Pkt. \$0.20

ESCHSCHOLTZIA (California Poppy)

Cheerful blooms and finely cut foliage. Sow where the plants are to remain. Flowers the entire Summer. H. A. 12-18 in.

Thorburni. The finest of all California Poppies. Very large flowers of a coppery-orange color..... Pkt. \$0.10

Golden West. Flowers 3 to 5 in. across. Bright yellow with orange blotch at base of petals..... .05

Carmine King. Beautiful carmine rose, the same coloring on both sides of petal..... .10

Californica. True California Poppy. Rich yellow..... .05

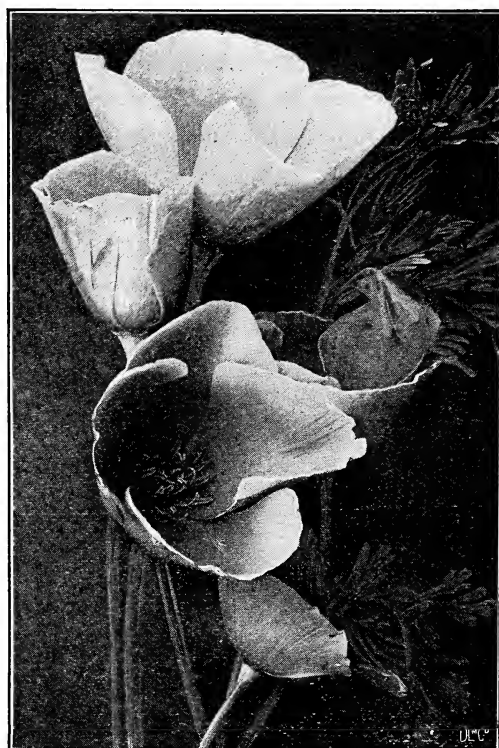
Mixed. Handsome colors..... Oz. 25c. .05

EULALIA JAPONICA ZEBRINA (Zebra Grass). Forms handsome clumps that greatly add to the appearance of any grounds, particularly after the beautiful plumes form. Leaves are banded transversely with white. H. P. 6 ft..... .10

EUPHORBIA. Suitable for beds or mixed borders. The foliage is very attractive. H. A. 2-3 ft.

Variegata (Snow on the Mountain). Foliage veined and margined with white.. .05

Heterophylla (Annual Poinsettia, Mexican Fire Plant, Painted Leaf, Fire on the Mountain). Branching bush form; glossy green leaves; flowers beautiful orange scarlet. Striking and brilliant..... .10



Eschscholtzia, Carmine King

EVERLASTING FLOWERS

Straw-like flowers that retain their form and color for years, if cut when just in bud and hung head downward to dry. Used in Winter bouquets. H. A.

Acroclinium. Lovely white and rosy-pink flowers. 1 ft. Pkt. \$0.05

Globe Amaranth (Bachelor's Button). A single plant will produce several hundred flowers. 1 ft. Mixed colors. .05

Helichrysum (Straw Flower). Fine border plant. 2 ft. Mixed colors. .05

Rhodanthe. A lovely Everlasting. 1 ft. Mixed colors. .05

Xeranthemum. Handsome double flowers on long stems. 1 ft. Mixed colors. .05

Mixed. All the above. .10

EVERLASTING PEA (Hardy Sweet Pea, Lathyrus). While these have not the fragrance of the Sweet Pea, they bloom through a long season. Excellent for covering rocks, stumps or fences, etc. H. P. 6-8 ft.

Splendens (Pride of California). Large, pale, rose-colored flowers. .10

Mixed. All colors. Oz. 25c. .05

EVENING PRIMROSE. The yellow or white flowers open at sunset. Easy to grow, succeeding in almost any position. H. A. 6-8 in. Mixed. .05

FERNS. Sow seed in fine sifted sand and peaty loam, covering the pans with pieces of glass. Place in a shaded position and do not allow them to dry out. Seed slow to germinate. G. P. 6-24 in.

Extra Choice Mixed. From a choice collection. .20

FEVERFEW (Matricaria). Does well in almost any soil; blooms the entire Summer. An excellent cut flower. H. A. 2 ft.

Double White. .05



Gaillardia grandiflora compacta

FUCHSIA. Blooms the first year from seed if planted early. Handsome house plants. G. P. 8-12 in. Pkt.

Choice Hybrids. Single and double sorts, mixed. \$0.20

GAILLARDIA

One of the most valuable annuals for cut flowers. H. A. 15 in.

Lorenziana. Flowers double, round as a ball, of the most varied colors, borne on long, slender stems. Pkt. \$0.05

Lorenziana salmonea. A fine sort, producing salmon-red flowers. .10

Lorenziana, The Bride. A splendid new variety. Double, pure white flowers. .10

Grandiflora compacta. A compact-growing variety, forming bushy plants. In coloring, the flowers are rich and varied. H. P. 12-15 in. .10

Grandiflora maxima. Golden-yellow flower. H. P. 2½ ft. .10

GERANIUM

Grow readily from seed and produce plants that bloom the first season. G. P. 10-18 in.

Zonale. Seed saved from a fine collection of the largest-flowering varieties. Pkt. \$0.10

Lady Washington (Pansy Geranium). Finest mixed. .25

Apple Scented. The leaves have a decided fragrance. .20

Double Mixed. Seed from double-flowering varieties only, although a percentage will produce single flowers; all will be excellent. .25

Fine Mixed. All sorts. .15

GILIA. Flowers freely all Summer; fine for massing. Mixed. H. A. 6-10 in. .05



Helichrysum



Gypsophila paniculata

- GLADIOLUS.** Seed sown early will produce Pkt.
bulbs that will flower the first season.
In the Fall take up, dry off and store
away for next year's planting. See index
for Gladiolus bulbs—which when planted
in masses in separate colors are simply
magnificent, besides being one of the best
cut flowers that are grown, lasting for at
least a week in water. H. H. P. 3-4 ft.
Large Flowering. Mixed colors..... \$0.10
- GLOXINIA.** Magnificent house plants.
Heat and shade are required to obtain
best results. Brilliantly colored, bell-
shaped flowers in great diversity of rich
colors. G. P. 12 in.
Hybrids, Mixed25
- GODETIA (Satin Flower).** Dwarf, spreading
habit of growth, flowers numerous and
handsome in the most brilliant and deli-
cate colors. H. A. 8-12 in.
Extra Fine Mixed. Flowers of satiny
texture. All the best sorts.... Oz. 25c. .05
- GOLDEN ROD (Solidago).** Golden-yellow
flowers in paniculata form. H. P. 3-5 ft. .05

GOURDS (Ornamental)

- A large and interesting class, producing a great
variety of curious fruits, many of which are pecu-
liarly marked. All the fruits are hard shelled, and
will keep for years, exciting much attention. H.
A. C. 10-15 ft. Pkt.
Dipper. Makes an excellent dipper. .Oz. 25c. \$0.05
- Nest Egg.** Exact shape and size of a hen's
egg.05
- Hercules' Club.** Four to six ft. long; white
in color.05
- Orange, or True Mock Orange.** Size and
shape of an orange.05
- Dish Cloth, or Sponge.** Takes its name
from the membranous lining, which is use-
ful for many household purposes.05
- Small Ornamental Sorts.** Mixed. .Oz. 20c. .05
- Large Ornamental Sorts.** Mixed. .Oz. 15c. .05
- Mixed.** All kinds. Oz. 25c. .05

- GYNERIUM argenteum (Pampas Grass).** Pkt.
A handsome Grass from South America.
Has beautiful plumes that are largely
used for decorative purposes. H. P. 6 ft. \$0.10
- GYPSOPHILA.** An excellent flower for
shrubby or rockwork.
White, Rose. H. A.05
Paniculata (Baby's Breath): White.
H. P.10
- HELIANTHEMUM (Sun, or Rock-Rose).**
For rockeries. The foliage is evergreen
and forms a dense mass, completely
covered with the variously colored flow-
ers. Succeeds under most adverse con-
ditions. H. P. 4-8 in.05

HELIOTROPE

These well-known greenhouse and bedding favor-
ites are highly esteemed for their fragrant flowers.
G. P. 18-24 in.

- Lemoine's Hybrids.** This bears the most Pkt.
magnificent heads of flowers, many being
at least a foot across, of the most lovely
hues of purple and violet. The flowers
have a rich, lasting fragrance. The best
sort for cutting. \$0.10
- Fine Mixed.** From a large collection.05
- HIBISCUS.** Easily grown from seed. Bears
immense saucer-shaped flowers, at least
7 in. across. H. P. 4-5 ft.
Crimson Eye. White with crimson cen-
ter.10

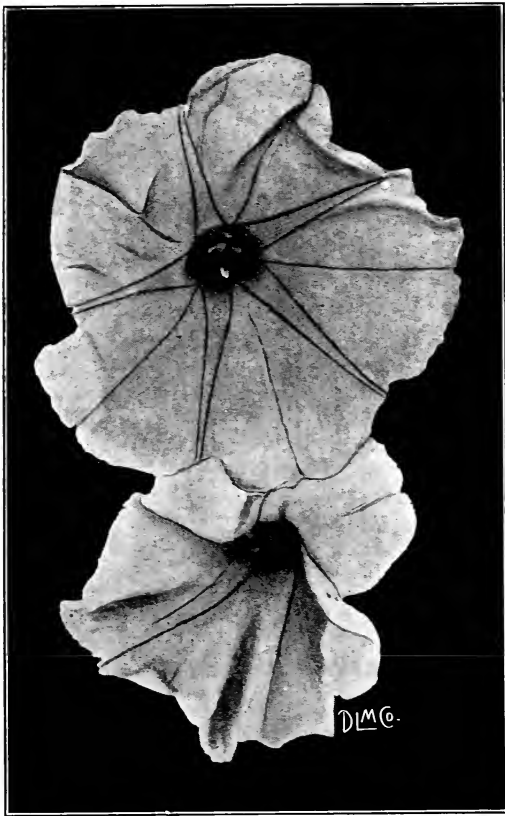
HOLLYHOCK

These are unexcelled for planting along buildings
or fences, where a background of gorgeous flowers
is desired. If sown indoors will bloom the first
season. Sow outdoors in April or June for next
year's bloom. H. P. 5-6 ft. Pkt.

- Double White.** \$0.10
Double Pink.10
Double Salmon Rose.10
Double Scarlet.10
Double Yellow.10
- Noll's Selected Double Mixed.** Brightest
colors, including above and many others.
¼ oz. 40c., ½ oz. 75c. .10
- Allegheny Fringed.** The flowers are either
double or semi-double and almost all the
petals are beautifully fringed. Flowers
measure 4 to 5 in. in diameter. The colors
are shell pink, rose and red, a deeper shade
at the center and delicately shaded toward
the edges. The blooming season is long
and the plants are really beautiful with
the large, wide open flowers.10

ANNUAL HOLLYHOCKS

- A surprisingly quick strain of annual Hollyhocks
that we were fortunate to secure from an old expert
gardener, who showed us that this was the very best
strain procurable. Plants from seed sown under
glass in March will produce flowers in July and con-
tinue until frost. Extremely vigorous at all times,
sending out branches from base to summit. The
immense flowers are single and the color range is
wonderful in surprising combinations. H. A. 3
to 5 ft. Pkt.
Mixed Colors. \$0.10



Ipomoea, Giant White Moonflower

IPOMOEA

Quick, luxuriant growth. The large, thick shell should have a notch filed in the seed, and be soaked in warm water before planting. H. A. 15-25 ft.

Giant White Moonflower. The large, pure white flowers are sweet scented and entirely cover the vine from base to summit, are open in the afternoon, and all day in cloudy weather. Plant indoors, one inch deep, keep damp in a warm place; when up, plant outdoors in a sunny position, when all danger from frost is past....
 $\frac{1}{2}$ oz. 40c. \$0.10

Setosa (Brazilian Morning Glory). One of the finest vines, growing to a height of 10-20 ft. with rose-colored flowers, pink star centers..... .05

Bona Nox (Good-night, or Evening Glory). Large blue flowers, open in the evening. 15 ft.....Oz. 75c. .05

JAPANESE KUDZU VINE (Jack and the Bean Stalk). This is decidedly the strongest-growing climber that ever was introduced from Japan, the land noted for its curious flowers and plants. The leaves are bold in form, of brightest green and overlap each other so as to form a dense screen. Highly recommended for porches, arbors, trellises or for covering fences. H. P. 25-50 ft... .10

JAPANESE IRIS (Flag, Fleur-de-Lis). Showy plants, used extensively in the hardy border. Flowers are enormous. H. P. 2-3 ft. Mixed..... $\frac{1}{4}$ oz. 25c. .10

HONESTY (*Lunaria biennis*). Flowers purple or white. The silvery seed pods are used as house ornaments; they are very highly prized as curiosities. H. B. 2 ft..... \$0.05

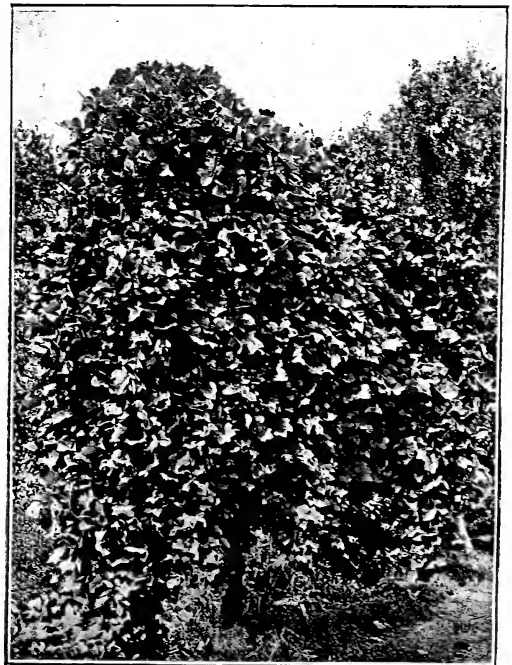
HOP, Japanese Variegated (*Humulus*). There is no hardier vine than this. Resists drought, and insects never bother it. The foliage is beautifully variegated, splashed and streaked with white. T. A. 15-20 ft..... .10

HUNNEMANNIA (Bush *Eschscholtzia*. Giant Yellow Tulip Poppy). Grows into a branched plant that covers the ground with a net-like ornamental foliage. Flowers are large, cup-shaped, 3 in. across, produced on stems 12 in. long; color bright, clear yellow; petals broad and shine like satin. An excellent cut flower, will keep in water over a week. H. A. 18 in..... $\frac{1}{4}$ oz. 20c. .05

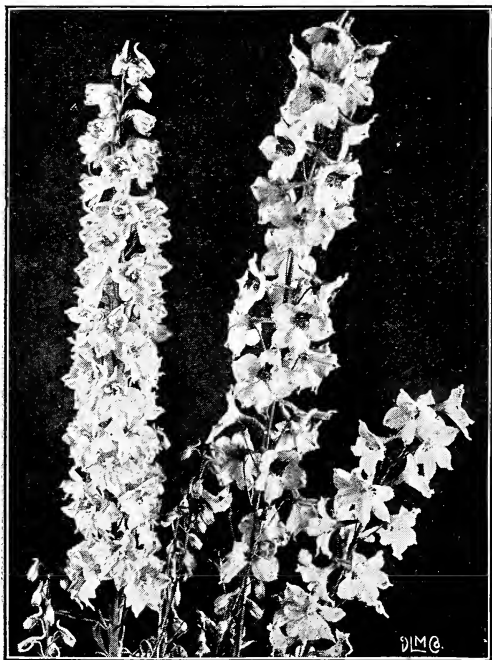
ICE PLANT (*Mesembryanthemum*). Flowers frosted or wax-like. Leaves of great substance. Excellent for hanging baskets or rockwork. T. A. 6 in..... .05

IMPATIENS (French Lady's Slipper. Zanzibar Balsam). Blooms entire Summer and Winter. Easily grown. T. P. 18-24 in.

Sultana Hybrids. Brilliant, waxy, rose-pink flowers; continually in bloom..... .10



Japanese Kudzu Vine



Emperor Larkspur

LARKSPUR

There is a wide range of color in these profuse bloomers and ornamental showy annuals. They bloom best in a rather cool, moist soil. H. A. 1-2 ft.

Emperor Branching. White. Excellent for Pkt. cutting..... \$0.10

Emperor Branching. Rose. A very showy sort. 2 ft..... .10

Emperor Branching. Mixed... ½ oz. 30c. .05

Cardiopetalum. Flowers a beautiful shade of blue. 1 ft..... .10

Tall Stock-flowered. This is an extra double-flowering strain, containing many shades of colors in the finest mixture. The plant resembles a giant Stock in growth and is beautiful..... .10

Finest Mixed. A fine mixture..... ½ oz. 15c., oz. 25c. .05

LAVATERA (Annual Mallow). Best used as backgrounds for dwarfier plants. Resemble Hollyhocks in growth. H. A. 2 ft.

Variegata. Large leaves, mottled yellow, very decorative..... .10

Mixed. All varieties..... .05

LEMON VERBENA (Aloysia). Grown for the delightful citron fragrance of the light green leaves. Flowers white, borne on long stems. Easy to grow from seed. No bouquet is complete without a leaf or two of this well-known favorite. G. P. 1 ft..... .10

JERUSALEM CHERRY. A useful pot Pkt. plant, largely in use for Winter decorations. The bright scarlet berries are very ornamental and are produced in great abundance. G. P. 18-24 in.... \$0.10

JOB'S TEARS (Coix lachryma). Corn-like leaves and hard seeds of peculiar appearance. The seeds are strung on a stout thread and worn around the neck as a chain. H. A. 1½ ft..... Oz. 10c. .05

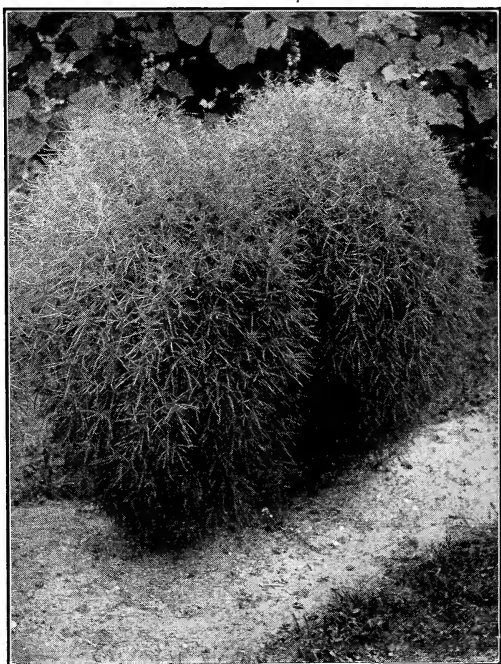
KAULFUSSIA. Used for edging and bedding, for which it is in great demand. H. A. 1 ft. Mixed colors.... ¼ oz. 20c. .05

KOCHIA TRICOPHYLLA (Burning Bush, Belvidere, Summer Cypress or Mexican Fire Plant). This highly ornamental plant is of most rapid growth, assuming a pyramidal form with horizontal branches and peculiar growth of the slender leaves in parasol-like whorls, giving the plant a distinct individuality. About September the entire plant changes from light pea green to carmine and blood red. The flowers are minute, but numberless. When grown as an annual hedge or background for smaller plants nothing can equal the glory of its Autumn splendor. H. A. 3-4 ft..... ¼ oz. 25c. .10

LANTANA. For ribbon gardening or bedding nothing can equal this in beauty of flowers and compact growth of plant. H. H. P. 10-20 in.

Dwarf Bedding Hybrids. The best strain possible for bedding purposes. The flower is large, and resembles a Verbena in shape. A desirable variety.... .10

Choice Mixed Hybrids. Choice hybrid varieties..... .05



Kochia

- LINARIA Cymbalaria** (Kenilworth Ivy, Pkt.
Coliseum Ivy, Mother of Thousands).
Trailer, with small purple or lavender
flowers; used for hanging baskets, rock-
eries or vases. H. P. 1-3 ft. \$0.10
- Fine Mixed Hybrids.** Snapdragon-shaped
flowers, very desirable for edging and
rockwork. Quick to bloom. H. A. 12
in.05

- LINUM** (Scarlet Flax). An excellent and ef-
fective showy bedding plant that is in
bloom the entire season. The fine flowers,
produced in great numbers, are at least
an inch across. H. H. A. 2 ft.05

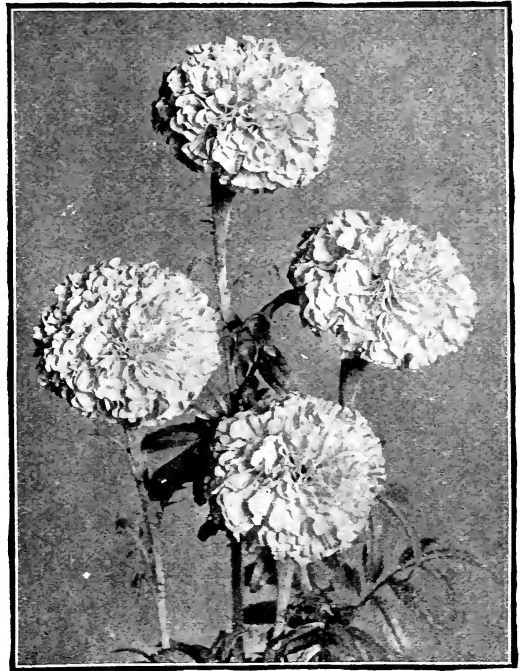
LOBELIA

For beds, edging or pot culture there is nothing
better. Blooms very quickly from seed and con-
tinues through the season. H. A. 8-15 in.

- White Gem.** Fine, pure white flowers. A Pkt.
compact-growing variety for bedding \$0.10
- Oculata.** Dark blue, white eye.10
- Gracilis.** Blue, trailing; excellent for baskets .05
- Crystal Palace compacta.** Dark blue.
Fine for bedding. 6 in.10
- Mixed.** Best annual sorts.05
- Cardinalis** (Cardinal Flower). Fine border
plant, brilliant scarlet flowers. H. P. 3 ft. .10

- LUPINUS.** Ornamental and free-flowering
annuals. Long, graceful racemes of rich
and variously colored Pea-shaped flow-
ers. Valuable for mixed flower beds and
borders. H. A. 1-3 ft. Mixed.05
- Polyphyllum Mixed** (Perennial). A very
fine variety of Lupinus. 3-4 ft. tall.05

- LYCHNIS.** Blooms year after year; re-
quires no protection. H. P. 1-2 ft.
- Chalcedonica** (Rose Campion, Jerusalem
Cross, Burning Star). Scarlet flowers. .05
- Haageana Hybrids.** Brilliant scarlet, or-
ange, crimson, etc., in mixture.05



Marigold, African

MARIGOLD

Old favorites of easy culture. Effective when
planted in groups or in garden borders. H. A.

AFRICAN, OR TALL VARIETIES

- Lemon Queen.** Flowers large and double, Pkt.
pure lemon color and produced in great
numbers. 2 ft. ½ oz. 25c. \$0.05
- Prince of Orange.** Golden orange-colored
flowers. 2 ft. ½ oz. 25c. .05
- African, Tall Mixed.** Includes all col-
ors of tall-growing sorts. 2 ft. Oz. 20c. .05

FRENCH, OR DWARF VARIETIES

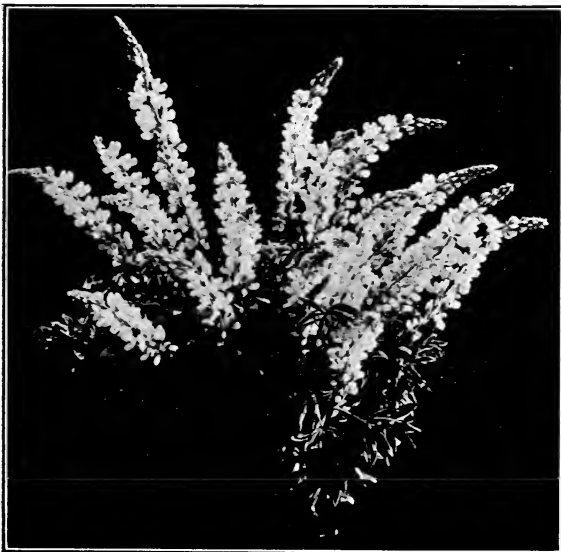
These dwarf, compact varieties are all at-
tractive, being covered with hundreds of small,
bright flowers. Make effective border plants.

- Gold Striped.** Velvety maroon, striped Pkt.
gold. 8-10 in. Oz. 20c. \$0.05
- Silver King.** Velvety brown, surround-
ed by pale lemon. A beautiful
strain. 8-10 in. ½ oz. 20c. .05
- Legion of Honor** (Little Brownie).
Single golden yellow, with velvety red
markings. Good for borders. Oz. 60c. .05
- French Dwarf Mixed.** A mixture of
all dwarf sorts. Excellent for borders.
8-12 in. ½ oz. 30c. .05

MARVEL OF PERU (Four-O'Clock).
Called Four-O'Clock because they
open their blossoms at that hour in the
afternoon. Handsome, free flowering,
sweet scented; blossoms variegated,
striped and various colors. H. A.

- Tom Thumb, Mixed.** Many colors
in mixture. 1 ft. Oz. 15c. .05

Hybrids, Mixed. A fine mixture of
many colors. 2 ft. Oz. 15c. .05



Lupinus polyphyllum



Mignonette, Allen's Defiance

- MATHIOLA** (Night Smelling Stock). Lovely lilac-pink flowers. Fragrant at night and after showers. H. A. 15 in. Pkt. \$0.05
- MEXICAN PRIMROSE.** Large, beautiful pink flower with a distinct white center. In bloom almost all the time and a very desirable plant for pot or outdoors. Of easy culture. T. A. 10 in.05

MIGNONETTE

Seed of this popular annual can be sown at any time. If successions are made, these modest-colored, fragrant plants blossom outdoors until November. Sow where plants are to remain. H. A. 12-24 in.

- Paris Market.** Red flowered. Excellent for pots. Pkt. \$0.10
- Machet.** Large spikes, reddish-tinted flowers, very sweet scented and an excellent florist variety. Oz. 35c. .10
- Goliath.** Enormous trusses of double red flowers, measuring about 8 in. long by 2 in. or more in diameter. This extra fine variety is in great demand for cut flowers, on account of the delightful perfume of the magnificent flowers.10
- Bismarck.** This is an improvement over the Machet variety. The flowers are more pyramidal in shape, better colored and highly perfumed. An excellent variety for pot culture.10
- Allen's Defiance.** An excellent variety for cutting. Spikes of great length and very fragrant. Oz. 50c. .10
- Large-flowering** (*Reseda odorata grandiflora*). Fine for open ground. Easily grown. Very fragrant. Oz. 25c. .05

- MIMOSA pudica** (Sensitive Plant). Curious and interesting. The leaves close and drop when touched or shaken. Flowers pinkish white. T. A. 18 in. Pkt. \$0.05
- MIMULUS.** Thrives best in a rather moist situation, bearing odd-shaped flowers. H. A. 6-12 in.
- Moschatus** (Musk Plant). Flowers yellow .05
- Tigridus** (Monkey Flower). Very showy blotched flowers. A profuse bloomer. .05
- MOMORDICA** (Balsam Apple). Curious warted fruit of golden-yellow color, which opens when ripe. Often made into a heating liniment. Rapid and dense growth. T. A. C. 10 ft.
- Balsamina.** Apple shaped.05
- ½ oz. 15c., oz. 25c. .05
- Charantia.** Long, pear-shaped fruit.05
- ½ oz. 15c., oz. 25c. .05
- Mixed.** Each of above. ½ oz. 15c., oz. 25c. .05
- MORNING GLORY.** This is too well-known to need a lengthy description, and one seldom finds a more satisfactory vine. Succeeds in almost any soil under adverse conditions. H. A. C. 10-20 ft.
- Imperial Japanese** (Single Mixed). Almost every color is shown in this beautiful strain; unexcelled in the number of extra large flowers produced. . . Oz. 30c. .05
- Finest Double Mixed.** While producing flowers of great beauty and substance, all the blooms will not be double, although the seed is selected from double-flowering varieties. There is always a tendency to revert.10

MYOSOTIS (Forget-Me-Not)

Succeeds best in a moist, shaded position. Have soil moderately rich. H. H. P. 6-10 in.

- Victoria.** The plant is of neat, compact growth, completely covered with beautiful bright blue flowers with yellow centers. . . . Pkt. \$0.10
- Semperflorens.** The most desirable sort for pot culture. Continually in flower. . . .10
- Palustris.** The true Forget-Me-Not; flowers best the second year.05
- Alpestris.**
- Blue.** A pretty trailer10
- White.** Pure white flowers.10
- Rosea.** Rose-colored flowers.10
- Mixed.**05
- NEMOPHILA** (Love Grove). Bears pretty bright flowers and is very easy to grow. Fine in pots or for edging, in rockeries, or in the garden. H. A. 1 ft.05
- NICOTIANA** (Sweet-Scented Tobacco Plant). Produces a great number of fragrant flowers. An excellent border plant, flowers all Summer, and if taken up in the Fall, cut back and repotted, they will bloom all Winter. H. H. A. 3 ft.
- Affinis.** Large, pure white flowers of delightful fragrance.05
- Affinis Hybrids.** All shades of red, blue, rose, etc. Very fragrant. Mixed colors. .10
- NIGELLA** (Love-in-a-Mist, or Devil-in-a-Bush). Compact growth, free-flowering plant, with fine cut Fern-like foliage. Curious and ornamental flowers and seed pods. Blue and white. H. A. 12-18 in.
- Miss Jekyll.** Color pure Cornflower blue. .10
- Mixed.**05

NASTURTIIUM

TALL OR CLIMBING

During the three or four months of the season make a better display of brilliant blossoms than almost any other plant. The tall sorts are well adapted for covering unsightly railings and to trail over rough ground. The dwarf or Tom Thumb sorts are excellent for bedding or borders. Of easiest culture. H. A.

	Pkt.	Oz.
Atropurpureum. Crimson.....	\$0.05	\$0.15
Coccineum. Scarlet.....	.05	.15
Golden-Leaved. Scarlet, yellow foliage.....	.05	.15
Hemisphaericum. Orange.....	.05	.15
King Theodore. Crimson, blue foliage.....	.05	.15
Pearl. Creamy white.....	.05	.15
Prince Henry. Light yellow, marbled scarlet.....	.05	.15
Schulzi. Scarlet, very dark foliage..	.05	.15
Vesuvius. Salmon, blue foliage.....	.05	.15
Jupiter. Deep golden yellow.....	.05	.15

Noll's Tall Superb Large-Flowered. This is a collection of superior large-flowered novelties of a famous English raiser and offered by us exclusively. The large flowers have a wonderful range of color and exquisite markings of great richness, distinguished by vari-colored foliage. The illustration shows some of the floral types contained in this superb large-flowered mixture.....Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50 \$0.10

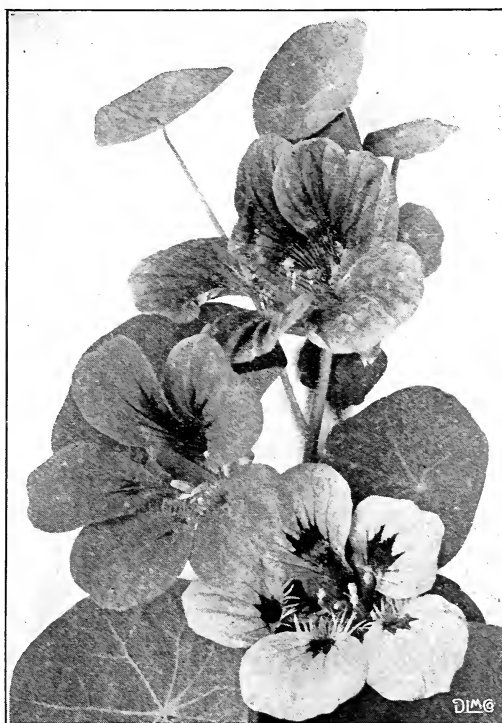
Tall Choice Mixed. Contains a very good mixture of all colors and cannot fail to please the most critical

Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00 .05

Tall Variegated, Mixed. A very showy mixture..... $\frac{1}{2}$ oz. 15c., oz. 25c. .05

TOM THUMB, or BEDDING

	Pkt.	Oz.
Aurora. Rosy salmon, blotched garnet	\$0.05	\$0.15
Beauty. Yellow and scarlet.....	.05	.15
Bronze. Coppery bronze.....	.05	.15
Chamaeleon. Crimson and yellow..	.05	.15
Coccineum. Light scarlet.....	.05	.15
Cloth of Gold. Scarlet, yellow foliage	.05	.15
Crystal Palace Gem. Sulphur, spotted maroon.....	.05	.15
Empress of India. Dark crimson, blue foliage.....	.05	.15



Nasturtium, Noll's Tall Superb Large-Flowered

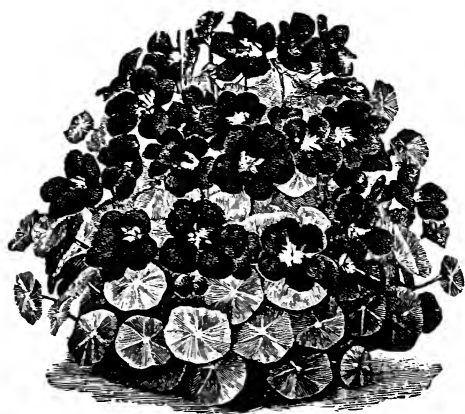
	Pkt.	Oz.
Golden King. Golden maroon blotches.....	\$0.05	\$0.15
Golden Queen. Yellow foliage.....	.05	.15
King of Tom Thumbs. Dark scarlet, dark leaves.....	.05	.15
King Theodore. Garnet, blue foliage.....	.05	.15
Lady Bird. Orange, spotted red.....	.05	.15
Luteum. Clear yellow.....	.05	.15
Pearl. Creamy white.....	.05	.15
Prince Henry. Light yellow, marbled scarlet.....	.05	.15
Regelianum. Purplish violet.....	.05	.15
Ruby King. Ruby red.....	.05	.15
Vesuvius. Salmon, bluish foliage....	.05	.15

Noll's Tom Thumb, Superb Large-Flowered. These have the same mixture of colors as the tall superb mixture, but the plants are of stocky, bushy growth and make a magnificent many-colored ribbon when planted as a border

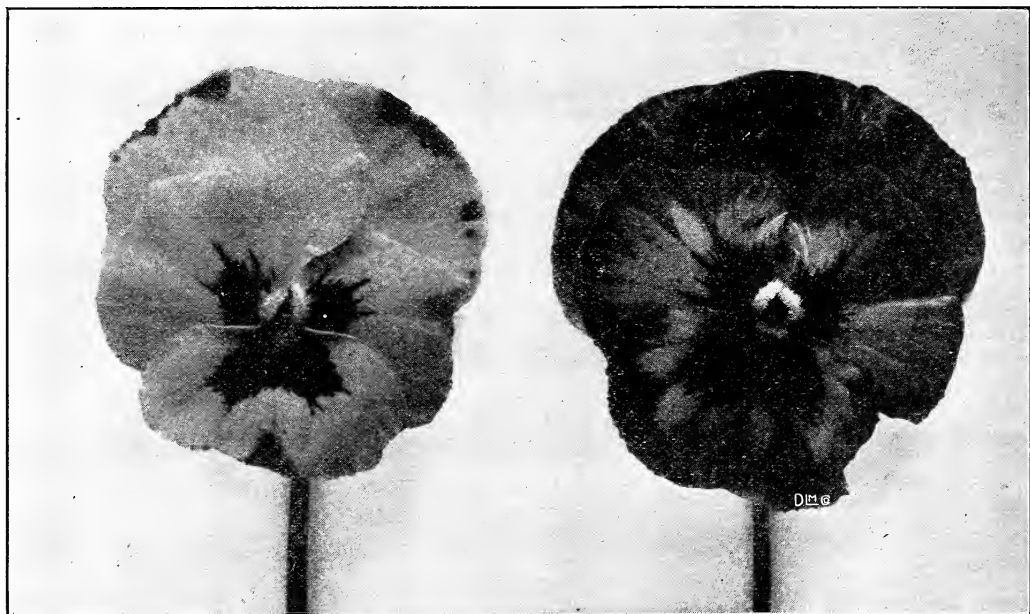
Oz. 20c., $\frac{1}{4}$ lb. 50c.	.10
Tom Thumb, Choice Mixed. All the best dwarf sorts. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00	.05
Dwarf Variegated, Mixed. This is a fine mixture of the above, and many other select varieties..... $\frac{1}{2}$ oz. 15c., oz. 25c.	.05

ORNAMENTAL GRASSES. A fine assortment of Ornamental Grasses used for Winter bouquets in conjunction with Everlasting Flowers. Easily grown. H. P. 2-7 ft. Mixed..... .10

OXALIS. Free-flowering little plants with beautiful bright flowers. Colors pink, white and yellow. Fine for hanging baskets or vases. T. P. 6 in. Mixed..... .10



Nasturtium, Noll's Tom Thumb Superb Large-Flowered



Pansies

Noll's Pansies (Heart's-ease)

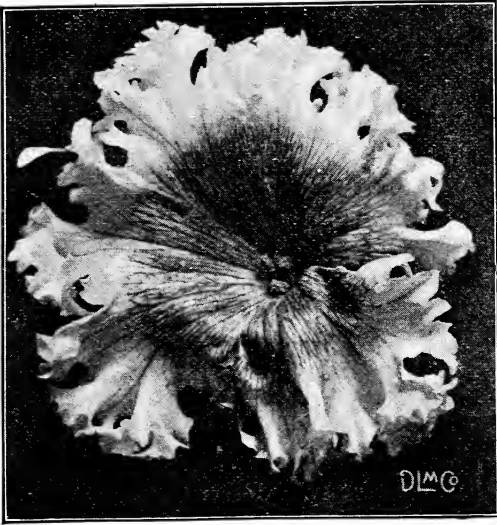
When grown from seed sown in the early Autumn larger plants are made, which produce larger flowers the following Spring than when grown from Spring-sown seed. For best results, sow in open ground during August, setting to permanent location in September and large plants will be formed before frost. Place dry leaves, loose straw or salt hay over the plants about 3 inches deep during the last of November; this will induce a robust growth and make splendid early-flowering plants. H. A. 5-10 in.

NOLL'S NON-PLUS ULTRA

This is a carefully prepared mixture of the best varieties obtained abroad, including all the solid colors, striped and blotched. We have exercised great care in preparing this strain and are confident it cannot fail to give the utmost satisfaction. $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.00, 1 oz. \$7.50, pkt. 20c.

- | | |
|--|-------------|
| GIANT ADONIS. A magnificent large flower, light blue with white center; each petal relieved with a dark blotch..... | Pkt. \$0.10 |
| GIANT FIRE KING. Pure golden yellow, upper petals purple; a unique combination..... | .10 |
| GIANT DARK BLUE. A fine dark blue color that is lasting..... | .10 |
| GIANT LORD BEACONSFIELD. Lavender, heliotrope and purple. Large, open flaring petals..... | .10 |
| GIANT FREYA. Large flower of deep dark purple, each petal with a distinct silver edge..... | .10 |
| GIANT GOLDEN QUEEN. Exquisite velvety texture. Bold flowers of pure golden yellow..... | .10 |
| GIANT INDIGO BLUE. Of immense size and of rich velvety plush effect..... | .10 |
| GIANT KING OF THE BLACKS. Lustrous jet black. Large flower..... | .10 |
| GIANT PEACOCK. Rich garnet, cream and ultramarine blue, with borders or margins of white, producing an odd effect.... | .10 |

- | | |
|--|--|
| GIANT PURPLE KING. Deep royal purple..... | Pkt. \$0.10 |
| GIANT RUBY. A large-flowering variety with many superb shades of rich red.... | .10 |
| GIANT SNOWFLAKE. Pure snow white..... | .10 |
| GIANT STRIPED. White, blue and violet; very striking..... | .10 |
| GIANT TRIMARDEAU. Enormous flowers in various colors and shades. Finest mixed..... | $\frac{1}{4}$ oz. 75c. .10 |
| Bugnot's Superb Blotched. Large flowers with broad blotches..... | .20 |
| Madame Perret. Fine wine shades on white ground..... | .10 |
| Masterpiece. Superb class of blotched Pansies with large blooms..... | .10 |
| Odier, or Blotched. Very fine strain of blotched Pansies..... | .20 |
| Extra Large-flowered, Fine Mixed. A blending of large-flowered varieties of the most exquisite shades and colors. $\frac{1}{8}$ oz. 40c., $\frac{1}{4}$ oz. 75c., oz. \$2.50 | .10 |
| Choice Mixed. A superior blending of choice European varieties..... | $\frac{1}{8}$ oz. 15c., $\frac{1}{4}$ oz. 25c., oz. 75c. .05 |
| NOLL'S IMPROVED TUFTED PANSY. Flowers with distinct faces, blooming long, having a delightful fragrance. Planted in a light, rich soil and moist situation they will bloom the entire Summer..... | .10 |



Petunia, Mammoth Fringed

- PASSIFLORA cœrulea** (Passion Flower). Pkt.
A very interesting climber. Flowers are
blue and white, of remarkable beauty.
H. H. P. \$0.10

PETUNIA

There is no flower more highly prized for use in
beds, massing, borders, window-boxes, baskets and
vases. Succeeds in almost any soil and is in bloom
the entire Summer, until cut down by frosts in the
Autumn. Sow thinly and do not cover seed to a
depth of more than four times their size, press down
firmly with a board, water with fine spray, do not
allow the small seedlings to dry out. H.H.A. 1-2 ft.

- Noll's Double Prize Giant.** A superior Pkt.
mixture of all the double and fringed large-
flowering Petunias, and will produce flower-
ers of elegant form with a wide range of
colors and markings. About 30 per cent.
will bear double flowers; the remainder
will be grand single flowers of great size.. \$0.20

- Mammoth Fringed.** A new class of re-
markable beauty, size and luxuriance, un-
equaled by any other; the flowers are ex-
quisitely ruffled or fringed, and are of
enormous dimensions (4 to 5 in. across);
but their great merits lie in the tremendous
varieties of colors, markings and veinings. .20

- California Yellow Throated.** Large flower
with finely shaded yellow throat..... .20

SINGLE BEDDING VARIETIES

- White.** Pure white; very fine..... .05
Red. Very rich and showy..... .05
Rose. Deep shade; very good..... .05

- Howard Star.** Deep crimson with a distinct
white star in center..... .10

- Venosa.** Various colored, beautifully
veined..... ¼ oz. 20c. .05

- Hybrida, Single Mixed.** This is the acme
of perfection for bedding or borders. There
are many solid colors, striped, blotched or
mottled flowers..... ¼ oz. 20c. .05

PHLOX DRUMMONDI (Flame Flower)

Dazzling in effect, more so when borders or
masses are sown with contrasting harmonizing
colors. Few colors are beyond their range. Sow
as soon as frost is out of ground in early Spring,
later sowings in June, and you will be surprised at
the continuous display of long-stemmed, hand-
somerly formed flowers for cutting. H. A. 1 ft.

GRANDIFLORA

These varieties are far superior to those ordinarily
sold. The flowers are larger than the older sorts,
showy and constant. Pkt.

- Atropurpurea.** Dark purple..... \$0.10
Coccinea. Large, brilliant scarlet..... .10
Rosea. A soft shade of rose..... .10
Alba. Large, pure white..... .10
Kermesina splendens. Vivid crimson..... .10
Isabellina. Pure yellow..... .10
Mixed. A splendid mixture of the above
sorts..... ½ oz. 30c. .05

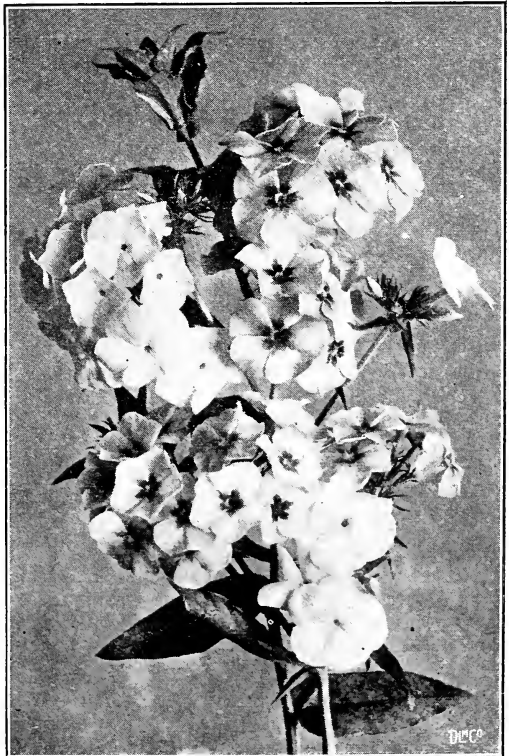
- Hortensiaflora Scarlet.** Bright scarlet.
6-8 in..... .10

- Hortensiaflora Mixed.** Covered the entire
Summer with magnificent flowers of the
richest hues..... ¼ oz. 30c., oz. \$1.00 .10

- Grandiflora nana compacta** (Cicely Phlox
Mixed). Each flower has a large, distinct
white eye in the center..... .10

- Cuspidata** (Star of Quedlinburg). Star-
shaped flowers of many colors..... .10

- HARDY PERENNIAL PHLOX.** 3 ft.
Large-flowered Hybrids, Mixed..... .10



Phlox Drummondii

PLATYCODON. Very fine flowering plants. Pkt.	
H. P. 2 ft.	
Grandiflorum Blue	\$0.10
Grandiflorum Album.....	.10

Poppy

Flowers grow to an enormous size, from 6 to 7 inches in diameter, as double as Peonies, and the colors are rich and varied. 2 ft.

HARDY ANNUAL

Double Bright Rose	\$0.05
Double White.....	.05
Double Scarlet.....	.05
Double Peony-flowered, Mixed. Many fine colors..... ½ oz. 15c., oz. 25c.	.05
Carnation-flowered, Mixed. Double fringed flowers of brightest colors..... Oz. 15c.	.05
Mikado (The Striped Japanese Poppy). Brilliant scarlet and white; elegant curved petals.....	.05
Shirley (Silk, or Ghost Poppy). Brilliant effect; each petal beautifully crumpled like crushed satin.....	.05
Danish Cross (Danebrog). Large single scarlet, with white cross at base of petals..	.05
Mephisto. Beautifully fringed; varies from red and black to rose and white.....	.05
Glaucum (Tulip Poppy). Tulip-shaped, intense brilliant scarlet flowers.....	.05
Miss Sherwood. Satiny white, upper half of petals chamois rose. Flowers of great substance; elegant for cutting..... Oz. 40c.	.05
Single Mixed. A splendid mixture of the single varieties..... Oz. 25c.	.05

HARDY PERENNIAL

Large-flowered and showy; very effective among shrubbery. 2-4 ft.

New Oriental Hybrids. Enormous flowers of the most dazzling beauty.....	Pkt. \$0.10
Oriental. Fiery scarlet.....	.05
Nudicaule (Iceland Poppy). One of the most attractive varieties. Beautiful when grown in masses. 1 ft.	
Double Mixed Iceland.....	.10
Single Mixed Iceland.....	.10



Portulaca



Shirley Poppy.

PORTULACA (Rose Moss, Sunflower)

Brilliant-flowered plants of low growth, that will flourish under all conditions, though a sunny position and light, sandy soil suit it best. For beds, borders, among rockeries or under taller-growing plants it will carpet the ground with an amazing mass of foliage that is completely covered with the gorgeous flowers in the most brilliant colors. Of easiest culture, require very little care; however, do not sow seed until hot weather. H. A. 6 in.

SINGLE VARIETIES

	Pkt.
Albiflora. Pure white.....	\$0.05
Thellusoni. Bright scarlet.....	.05
Aurea. Deep golden yellow.....	.05
Rosea. Very rich rose.....	.05
Mixed. A very good mixture of the single sorts..... ¼ oz. 20c.	.05

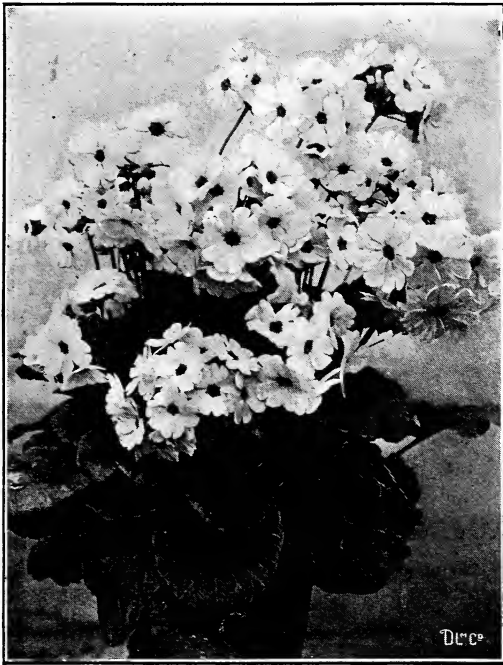
DOUBLE VARIETIES

	Pkt.
Scarlet. A very rich shade.....	\$0.10
White. Pure satiny white.....	.10
Yellow. Deep golden.....	.10
Rose. An excellent shade.....	.10
Mixed. A very fine mixture of double sorts containing striped varieties. ½ oz. 25c.	.10

PRIMULA

Succeeds best in a moist, loamy soil, partially protected from the hot sun. H. P. 6-12 in. Pkt.

Auricula. Many rich colors.....	\$0.10
Japonica (Japanese Primrose). Bright showy flowers Mixed.....	.10
Forbesii (Baby Primrose). Pleasant shade of rose, with a yellow eye. Fine for cutting	.10
Obconica. Early to bloom from Spring-sown seed and continue through the entire season. Mixed colors.....	.10

*Primula obconica***PRIMULA—Continued.**

- Officinalis Hybrids** (Cowslip Mixed). H. Pkt.
P. 6 in. \$0.10
- English** (Vulgaris). Flowers canary yellow
and very fragrant.05
- Polyanthus**. Single mixed.05
- Chinensis** (Chinese Primrose). These hand-
some house or conservatory plants have a
long blooming period and the cut flowers
make a valuable table decoration, keeping
fresh in water for several days. Flowers are
cut and fringed, and of many colors. G. P.
8-12 in.
- Chinensis White**. Pure white.25
- Crimson**. Rich crimson.25
- Blue**. Violet blue.25
- Finest Mixed**. A beautiful strain con-
taining many rich colors in beautiful
variety.20
- PURPLE FEATHER GRASS**. Graceful,
narrow leaves topped with handsome
feathery plumes over a foot long from
July until cut down by frost. A beautiful
foliage plant, as graceful as a Palm.
The growth is rapid and makes an excel-
lent border for taller plants. H. A.
1½-3 ft.10
- PYRETHRUM**. Single Daisy-like flowers of
bright colors, including pink, white, red,
etc. Blooming period extends over a
long season. H. P. 2-3 ft.
- Atrosanguineum**. Fine dark scarlet.10
- Single Mixed**. Many colors.05
- Parthenifolium Aureum** (Golden Feath-
er).
Pure Yellow. H. P. 6 in.10

RICINUS (Castor Oil Plant)

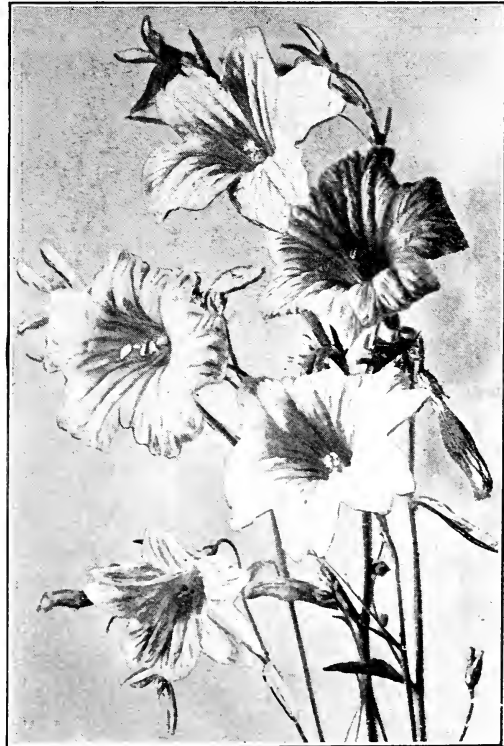
Largely used to give the lawn a sub-tropical
effect or for centers of beds of foliage plants. H.
H. A. 8-10 ft.

- Cambodgensis**. Maroon leaves with red Pkt.
veins, stems black. \$0.05
- Borbonensis**. Violet.05
- Gibsoni**. Violet bronze.05
- Zanzibarensis Mixed**. All the above and
many other splendid varieties in mixture. .
½ oz. 15c., oz. 25c.05

SALPIGLOSSIS (Velvet Flower)

These showy, half-hardy annuals have beautiful
funnel-shaped flowers, richly veined on a ground
which varies from white, crimson, yellow, orange,
etc. They are easily grown, requiring a light, rich,
sandy soil. H. H. A. 2 ft. Pkt.

- Grandiflora coccinea**. Bright scarlet. \$0.10
- Purpurea carminea**. Purplish violet.10
- Rosea**. Rose shade.10
- Violacea aureo, venosa**. Lilac veined on
golden yellow.10
- Emperor** (Mixed). This mixture is pro-
duced from the finest strains of grandi-
flora varieties. ½ oz. 25c.10
- Fine Mixed**. Large-flowered sorts. ½ oz. 15c.05

*Salpiglossis*

See page 50 for **Flower Seed Novelties**.

SALVIA (Scarlet Sage)

Well-known bedding plants which carry hundreds of long, flaming flower spikes open at one time, keeping up the magnificent display until frost. H. A. 18-36 in.

Early Dwarf Zurich. Brilliant scarlet, Pkt. growing 12 to 15 in. tall. \$0.20

Splendens. Large-flowering scarlet Sage 3 ft. 1/8 oz. 30c. .10

Splendens Bonfire. A very compact-growing sort. The most profuse bloomer of all; plant is densely covered with flaming flower spikes from early Summer until frost. 2 1/2 ft. 1/8 oz. 30c. .10

Splendens Silver Spot. The green leaves are covered with creamy white or yellow spots while the flowers are an intense scarlet. 1/8 oz. 50c. .10

Farinacea (Silver Sage). This is similar in luxuriant profusion of flowers to Salvia Drooping Spikes, but the light blue flowers are borne high above the foliage, and the tall silvery-lavender seed pods are as highly ornamental as the flowers. .10

Patens (Blue Salvia). Erect spikes rich blue flowers. Makes handsome pot plant. T. P. .10

SCABIOSA

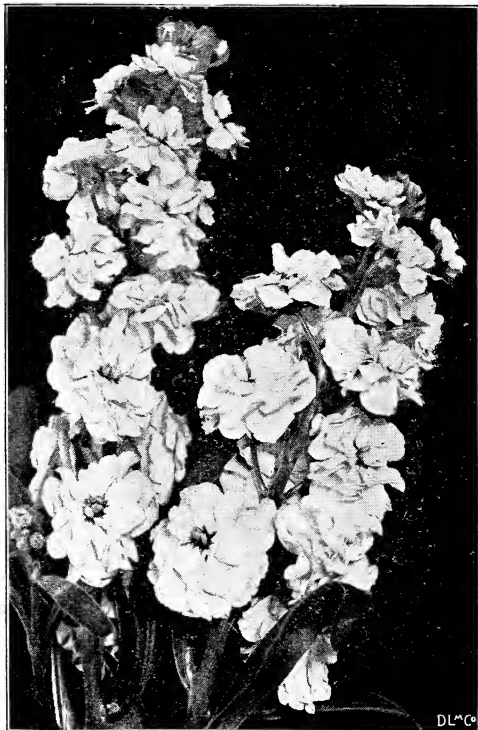
(Pincushion Flower, Mourning Bride)

A desirable border plant with handsome flowers that are exceptionally fine for cutting, lasting for a long time. The flowers are quite fragrant, and on account of length of stems desirable for bouquets for the house. H. A. 2-3 ft. Pkt.

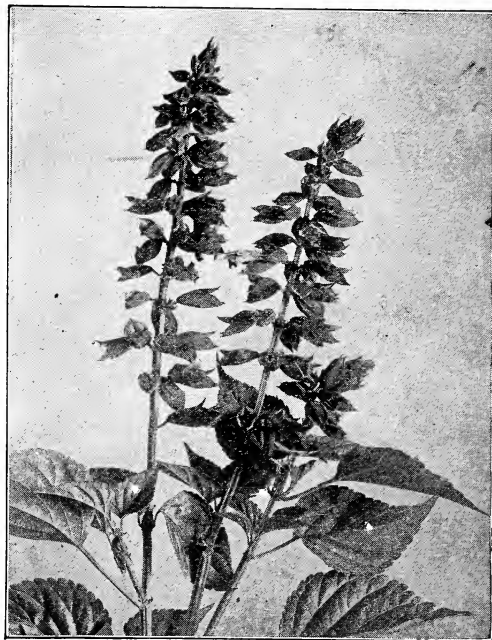
Minor aurea fl. pl. Beautiful golden yellow. \$0.05

Black Purple. .05

Candidissima. Double; pure white. .05



German Ten -Weeks Stocks



Salvia splendens Bonfire

- | | |
|---|--------|
| Double Rose. | Pkt. |
| Japonica. Lavender blue; fine for cutting... | \$0.05 |
| Double Mixed. All colors..... 1/4 oz. 20c. | .10 |
| Caucasica. Flowers a beautiful soft lavender. H. P. | .05 |
| SMILAX. Deep, glossy green leaves; largely used by decorators and in bouquets. Soak seed 48 hours in warm water before planting. G. P. C. 6 ft. | .10 |
| SPIDER PLANT. A splendid honey plant, as beautiful as it is curious, as the flowers resemble giant spiders. An exceptionally showy plant among shrubbery, greatly admired. H. A. 4-5 ft. | .05 |
| STEVIA. The leaves are largely used in bouquets on account of their delightful fragrance. Flowers flesh white, star shaped, and borne in large heads. G. P. 2 ft. | .05 |

STOCKS

This is one of the finest flowers for bedding, borders or pot culture. They are unsurpassed for bouquets. To secure early flowers, start seed in window-boxes or under glass in March or April, and transplant to the open ground the middle of May. For late blooming, sow seed in the open ground in May. H. H. A. 1 1/2 to 2 ft.

DWARF GERMAN TEN-WEEKS

This is one of the choicest strains and saved from the finest double varieties only, having large, double flowers borne on long spikes.

- | | |
|--|--------|
| White, Bright Red, Canary Yellow, Rose, | Pkt. |
| Light Blue, Violet, Carmine, each.... | \$0.10 |
| Dwarf German Ten-Weeks. Mixed.... | .10 |
| Finest Mixed for Open Ground..... | .05 |
| Cut-and-Come-Again. Profuse and perpetual blooming. Double white..... | .10 |

SWEET PEAS

Culture.—Drill in rows 5 in. deep, cover about 2 in. As vines grow gradually fill trench with soil, and thin to 5 in. apart. For early flowers, sow in beginning of November, preferably in a dry situation, 6 or 8 in. deep, giving them level culture. Spring sowings just as soon as ground can be prepared. H. A. 5-7 ft.

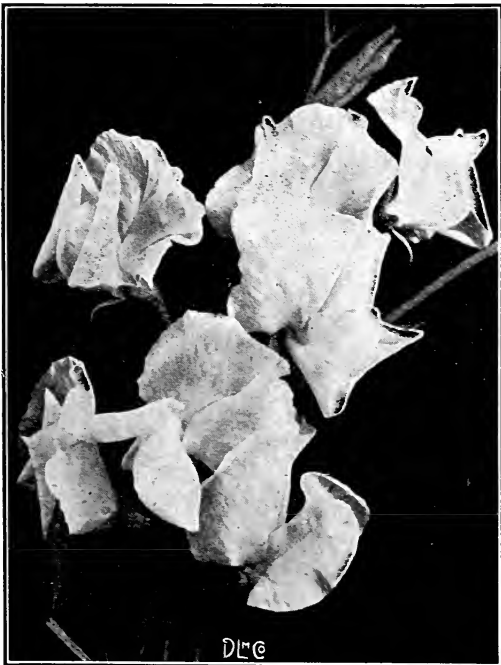
SEPARATE VARIETIES OF SPENCER SWEET PEAS

The following list is made up of the most attractive sorts which are sure to give satisfaction.

- Asta Ohn.** Lavender tinted mauve. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$3.50.
Aurora. Orange, rose striped. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
Beatrice. Mingling of blush, lemon and buff, wings pure white. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
Black Knight. Shining deep maroon waved. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
Countess Spencer. A lovely shade of pale pink, darker toward the edges. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
Dainty. White, edged pale rose. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
Dorothy. Rosy lilac, self colored. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.
Etta Dyke. Pure white waved. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.
Florence Morse. White with pink edge. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
Gaiety. Rose striped on white. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
Geo. Herbert. Bright rosy carmine. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
King Edward. Rich carmine scarlet. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
Mauve Queen. Bright mauve. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.



Asta Ohn Sweet Peas



Etta Dyke Sweet Peas

- Mrs. Routzahn.** Apricot, suffused with pink, deepening toward the edges. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
Othello. Rich deep maroon, waved. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
Queen Victoria. Deep primrose, flushed rose. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.
Senator. Claret or wine colored, striped and flaked on a light heliotrope ground. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.25.
Tennant. Purplish mauve, waved. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.
White Spencer. Pure white, extra large waved flowers. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

NOLL'S SUPERB MIXTURE OF SPENCER SWEET PEAS

This mixture contains all the choice sorts of Spencer types. All colors are well represented; the flowers are large and bold, crumpled and waved, three to four on a stem. Very valuable for cutting. This mixture is exceptionally fine and every customer should not fail to plant some, as it will surely please. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 80c., lb. \$2.75.



Salopian Sweet Pea

GRANDIFLORA TYPE OF SWEET PEAS

- Admiration.** Self colored in a delicate shade of mauve. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Agnes Johnson.** Rose pink, shaded cream. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Aurora.** White ground, striped orange salmon. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Black Knight.** Deep maroon, self colored. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Blanche Burpee.** Superb, pure white, immense size. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Blanche Ferry.** Standard bright rose pink, wings creamy white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.35.
- Capt. of the Blues.** Bright purple, pale blue wings. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Captivation.** Pure magenta, wings almost self colored. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Dainty.** White, edged pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Dorothy Eckford.** Pure white, large flowers. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Emily Henderson.** Splendid, pure white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Flora Norton.** Beautiful, rich lavender. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Katherine Tracy.** Soft rosy pink, lighter at edges. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- King Edward VII.** Bright crimson self colored. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Modesty.** White, tinted pink. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Mrs. Eckford.** Primrose self colored. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Navy Blue.** Bluish purple standard, violet wings. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Othello.** Deep maroon, self colored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Prince of Wales.** Rose crimson. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.
- Royal Rose.** Crimson pink, deepening at center. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

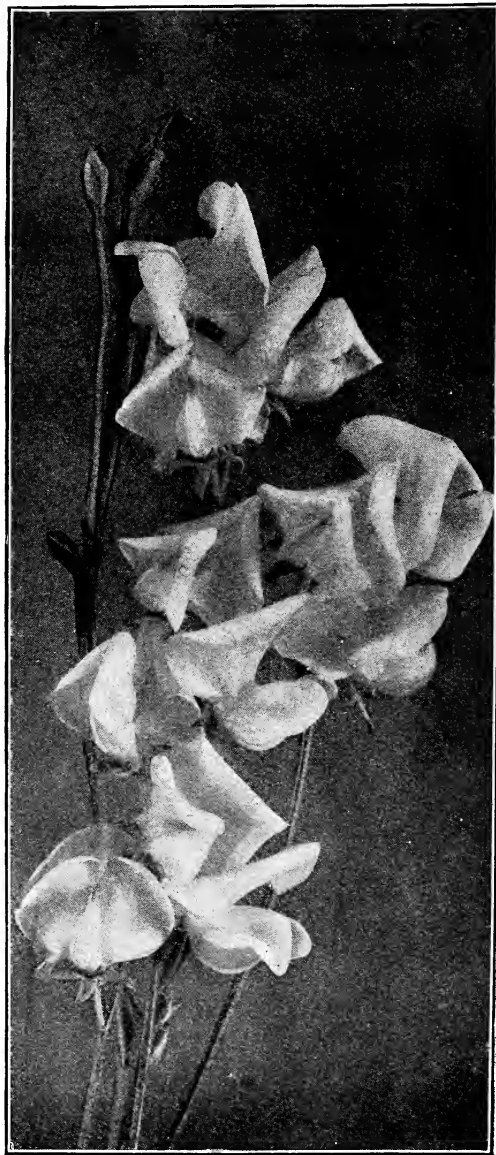
Salopian. Rich dark crimson. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Shahzada. Dull maroon, shaded purple. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

White Wonder. Double stemmed, pure white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

NOLL'S SUPERB MIXTURE OF LARGE-FLOWERING SORTS

This mixture is produced from named Grandiflora types. The color is well graded, giving a large variety of color. We believe there is no better mixture on the market and we are sure it will please the most critical. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.



White Wonder Sweet Pea

*Stokesia cyanea*

- STOKESIA cyanea** (Cornflower Aster). A Pkt.
rare and beautiful shade of lavender-blue flower, resembling the Cornflower. Blooms from July until frost. A choice cut flower. H. P. 2 ft. \$0.10

SUNFLOWER (*Helianthus*)

Stately, decorative plants with large heads of golden-yellow flowers. Height of plants of the different sorts varies, but they can be placed through the grounds with grand effect. It is the gardener's art to know where to place them. H. A.

- Cucumerifolius Orion.** A very handsome Pkt.
variety with petals twisted like the best shaped Cactus Dahlias. 3 ft. \$0.05

- Cucumerifolius.** Of pyramidal growth, covered with small single flowers, of bright orange color. 3 ft. .05

- Double Chrysanthemum-flowered.** Beautiful, golden-yellow flowers which are perfectly double. 6 ft. .05

- Dwarf Perkeo.** In bloom the entire season. The flowers are 3 to 5 in. across, bright yellow in color with dark centers, and completely cover the entire plant, on extra long stems, making them exceptionally valuable for cut flowers. 2-3 ft. .10

- Globosus fistulosus.** Immense flowers, 10 to 15 in. across; very double and decidedly attractive. 4 ft. Oz. 20c. .05

- Large Single Russian.** The old-fashioned Sunflower. 5 to 8 ft. Oz. 10c. .05

SWEET WILLIAM (*Dianthus Barbatus*)

Old-fashioned plants; produce large heads of beautifully colored, sweet-scented flowers in great abundance. Hardy, easy to grow and flower the second year from seed. H. B. 18 in. Pkt.

- Single White.** \$0.05

- Single Crimson.** .05

- Single Mixed.** All colors. ¼ oz. 15c. .05

- Double White.** .10

- Double Crimson.** .10

- Double Mixed.** All colors. ¼ oz. 25c. .10

- SWEET ROCKET** (*Hesperis*). Showy spikes of lilac-blue or white flowers, very fragrant. Excellent to plant among shrubbery, and require little attention. H. P. 2-3 ft. Mixed. \$0.05

THUNBERGIA (Black-Eyed Susan). Very ornamental climbers and profuse blooming plants; useful for vases, rustic work or greenhouse decoration. H. H. A. 5 ft.

- White.** Black eye. .05

- Orange.** Black eye. .05

- Fine Mixed.** All colors. .05

TRITOMA (Red-Hot Poker, or Torch Flower). Showy spikes of bloom in various shades of yellow and scarlet. H. H. P.

- Uvaria grandiflora.** .05

UNICORN PLANT. Curious-shaped pods, which when young are used as pickles. H. A. 18 in. .05

VALERIANA (Hardy Heliotrope). A fine border plant with showy corymbs of red or white fragrant flowers. H. B. 3 ft. .05

VERBENA

Single plants will carpet a bed 3 to 4 ft. in diameter with neat foliage and scores of fine flower umbels. For beds, borders, mounds, vases or window boxes it is especially recommended and is frequently used as an undergrowth to taller plants. H. A. 18 in. Pkt.

- Giant coerulea.** Brilliant blue. \$0.10

- Giant White.** Very large flowers. .10

- Giant Pink.** A beautiful shade. .10

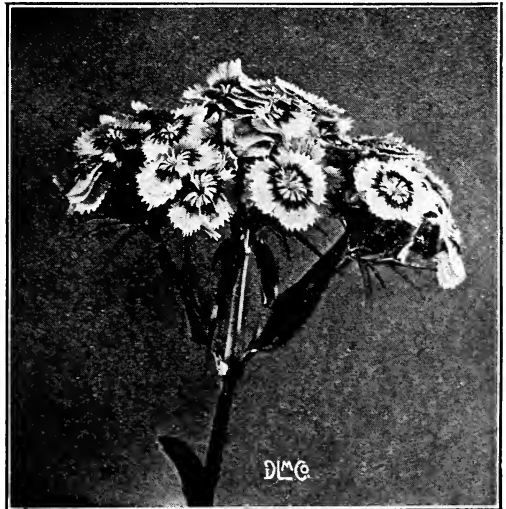
- Giant Scarlet.** Very brilliant, excellent for bedding purposes. .10

- Giant Crimson.** Beautiful rich crimson-colored flowers. .10

- Giant oculata.** Brilliant flowers of fine size, each with a large white eye. .10

- Giant Mixed.** A carefully prepared mixture of brilliant and choice varieties. The flowers are of great size and the colors are all desirable. ¼ oz. 40c. .10

- Choice Mixed.** All colors. ¼ oz. 25c. .05



Sweet William

VINCA (Madagascar Periwinkle, or Old Maid). Ornamental and free flowering. Sow early and transplant to obtain stocky plants. Can be taken up in Fall and bloomed in the house. Fine for beds or borders. T. P. 6-8 in.

White, Rose or Mixed..... Pkt. \$0.10

VIOLA (Violet). H. P. Renowned for their beauty and fragrance. Seed takes a long time to germinate.

Sweet Scented, Blue..... .10

Sweet Scented, White..... .10

VIRGINIAN STOCK. An early Summer-flowering garden annual. 1½ ft.

Mixed colors..... .05

WALLFLOWER. Favorite sweet-scented flowers, of many fine colors; largely used for Spring bedding. Easily grown, lasting well as a cut flower. T. P. 18 in.

Double Mixed. Double German varieties. .10

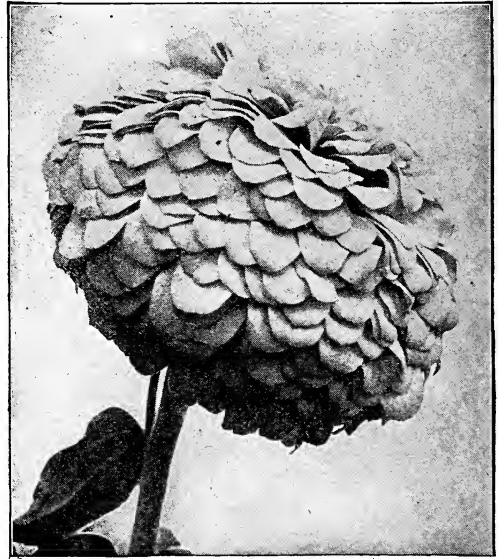
Single Mixed. A fine mixture of single-flowering varieties..... .05

Paris Single Annual (Mixed). Blooms the first year from seed. 3 ft..... .05

WILD CUCUMBER VINE. The quickest growing climber in our entire list. Thickly dotted all over with pretty white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. Will quickly cover a trellis, fence or arbor. H. A. 15-30 ft.

½ oz. 10c., oz. 15c., ¼ lb. 40c. .05

WISTARIA. For arbor or trellis no vine can equal the majestic grandeur of this popular flower. Bears grand panicles of lilac-blue or silvery-white flowers. H. P. C. 15-20 ft. Mixed Colors..... .10



Zinnia, Giant flowering

ZEA Japonica (Japanese Maize). **Quadri-color Perfecta**. Of quite dwarf growth and bushy habit. The leaves are broad, colored yellow, green and rose, with dark red stripes. Valuable for borders and backgrounds. H. A. 3-4 ft..... Pkt. \$0.10

ZINNIA (Youth and Old Age)

The plants come easily to blooming size from seed, and should be transplanted to at least 8 in. apart, to allow for development. They make a magnificent display in beds or borders. Blooms the entire season. H. A. 1-2 ft.

Tall Double Varieties, Scarlet, Pink, White, Golden Yellow and Rose. Each Pkt. \$0.05

Tall Double Mixed..... ¼ oz. 15c. .05

Giant Flowering, Mixed. A mixture of the largest, extremely double and most brilliant-colored Zinnias yet obtained. Plants robust and able to bear the great load of magnificent blooms produced. The flowers are immense, surpassing any other strain, often measuring 4 to 5 in. in diameter and come in almost every color known.... ¼ oz. 30c. .10

Dwarf Double Sorts. More compact and of neater habit than the taller varieties. 8-12 in.

Dwarf Double White, Rose and Golden Yellow..... Each .05

Dwarf Double Mixed..... ¼ oz. 15c. .05

Curled and Crested. Petals are curled and twisted in graceful form. Mixed. ¼ oz. 20c. .10



Wallflower, Double

Noll's Complete Flower Garden

Contains a mixture of flower seeds that is complete for any purpose and is in great demand for carriage drives, large borders, shrubbery or woodland. Plant outside in the early Spring at about the time trees are coming into leaf, sowing the seed thinly and allow room for development for each plant; when one or more leaves have formed no doubt some will have to be transplanted.

Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.



CHOICE COLLECTIONS OF FLOWER SEEDS

We have formed these collections for the convenience of those who wish to have a variety of flowers and who are at a loss to know what to choose for their flower garden. These collections are made up of the regular size packets, the same as are sold for five and ten cents. These collections are offered in the Annual, Perennial and Biennial sorts. The Annuals flower the first season from seed and die in one year. The Perennials flower the second year and last indefinitely. The Biennials grow from seed one year, bloom and die the next year. For those who are inexperienced in Floriculture and who desire a garden of flowers that will rival your neighbors', we can heartily recommend these choice collections.

NO. 1 COLLECTION

12 Varieties of Annuals, containing the following varieties: Aster, Victoria Mixed; Balsam, Double Mixed; Candytuft, Empress; Centaurea, Cyanus, Emperor William; Nasturtium, Dwarf Mixed; Eschscholtzia, Californica; Gaillardia, Lorenziana; Larkspur, Mixed; Marigold, African Mixed; Mignonette; Poppy, Single Mixed; Petunia, Single Mixed.

This entire collection for 50c.

NO. 2 COLLECTION

25 Varieties of Annuals, containing the following varieties: Aster, Victoria Mixed; Candytuft, Empress; Amaranthus, Mixed; Alyssum, Sweet; Centaurea, Cyanus, Emperor William; Cosmos, Mammoth Flowered Mixed; Hunnemannia; Marigold, African Double Mixed; Mignonette, Allen's Defiance; Nasturtium, Dwarf Mixed; Poppy, Double Paeony-flowered Mixed; Phlox, Drummond's Grandiflora Mixed; Petunia, Hybrid Single Mixed; Portulaca, Double Mixed; Salpiglossis, Mixed; Scabiosa, Double Mixed; Stocks German Ten Weeks, Mixed; Sunflower, Chrysanthemum-flowered; Verbena, Choice Mixed; Zinnia, Double Tall, Mixed; Ageratum, Mixed; Globe Amaranth; Gaillardia, Lorenziana; Nigella, Mixed.

This entire collection for \$1.00.

NO. 3 COLLECTION

12 Varieties of Perennials and Biennials, containing the following varieties: Antirrhinum, Mixed; Aquilegia, Single Mixed; Coreopsis, Lanceolata; Dianthus, Chinensis Double Mixed; Campanula, Single Mixed; Sweet William, Single Mixed; Wallflower, Single Mixed; Digitalis, Mixed; Hollyhock, Double Mixed; Aconitum, Napellus; Poppy, Orientale; Lychnis, Haageana.

This entire collection for 50c.

NO. 4 COLLECTION

25 Varieties of Perennials and Biennials, containing the following varieties: Achillea, The Pearl; Aconitum, Napellus; Antirrhinum, Tall Mixed; Aquilegia, Single Mixed; Campanula, Single Mixed; Coreopsis, Lanceolata; Dianthus, Chinensis Double Mixed; Delphinium, Hybrids Mixed; Gaillardia, Grandiflora Compacta; Hollyhock, Double Mixed; Lychnis, Haageana Hybrids Mixed; Lupinus, Polyphyllus Mixed; Pansy, Giant Trimardeau Mixed; Myosotis, Palustris; Phlox, Perennial Mixed; Poppy, Orientale; Scabiosa, Caucasica; Stokesia, Cyanea; Sweet Rocket, Mixed; Sweet William, Single Mixed; Wallflower, Double Mixed; English Yellow Primrose; Digitalis, Mixed; Daisy, Shasta; Campanula, Double Mixed.

This entire collection for \$1.00.

NO. 5 COLLECTION

6 Varieties of Annual and Perennial Climbers, containing the following varieties: Adlumia, H. P.; Aristolochia Siphon, H. P.; Canary Bird Flower, A.; Cypress Vine, A.; Japanese Hop Vine, A.; Kudzu Vine, A. (The abbreviations affixed denote which are annuals, and which are perennials.)

This entire collection for 25c.

NO. 6 COLLECTION

12 Varieties of Annual and Perennial Climbers, containing the following varieties: Momordica, Mixed; Wild Cucumber Vine; Morning Glory, Single Mixed; Kudzu Vine; Ipomoea, Mexicana; Japanese Hop Vine; Adlumia; Aristolochia Siphon; Cypress Vine, Mixed; Dolichos, Lablab Mixed; Gourds, Mixed; Canary Bird Flower.

This entire collection for 50c.

In the preceding collection, Kudzu Vine, Adlumia and Aristolochia are perennials, the balance are annuals

SUMMER FLOWERING BULBS, ROOTS, ETC.

Culture.—These bulbs are of the easiest culture and give immediate results. Plant out in good rich soil as soon as the ground is warm in the Spring, and you will be surprised with their beauty and abundance of bloom.

AMARYLLIS

VITTATA HYBRIDS. These are grown specially for us and contain a remarkable range of colors from self pure white to darkest crimson, or flaked and striped. Easily grown. 40c. each, \$4.00 per doz., \$8.00 per 25, \$30.00 per 100.

Belladonna major. Fine variety for Fall blooming; very free flowering and fragrant. Flowers, which are a lovely shell-pink color, borne on stems 2 to 2½ ft. high. Each 25c., doz. \$2.50.

Formosissima (Jacobean Lily). A desirable shade of rich, dark scarlet. Each 10c., doz. \$1.00.

Johnsoni. Elegant large flowers, deep red, magnificently striped with white. A popular sort for house culture. Each 25c., doz. \$2.50.

Valotta purpurea (Scarborough Lily). Each 20c., doz. \$2.00.

BEGONIAS—TUBEROUS-ROOTED

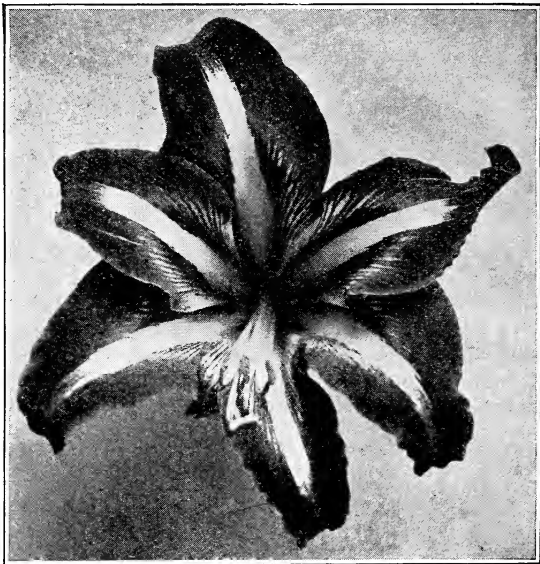
These do best in a shady position. Have the soil rich, which serves to make them more profuse in blooming. The colors are very rich and striking. One of the handsomest flowers you can grow.

Single Flowering. Scarlet, pink, orange and white. Each 10c., 3 for 25c., doz. \$1.00, postpaid.

Double Flowering. Scarlet, pink, white and orange. Each 15c., 3 for 40c., doz. \$1.50, postpaid.



Tuberous Rooted Begonia



Amaryllis Johnsoni

CALADIUM ESCULENTUM

(Elephant's Ear)

An effective plant for beds. Of easy culture; should be planted in good, rich soil, with an abundance of rich compost, and where they can obtain plenty of water.

Extra Large Bulbs. Each 40c., doz. \$4.00, postpaid. By express, not prepaid, each 25c., doz. \$2.50.

First-Size Bulbs. Each 25c., doz. \$2.50, postpaid. By express, not prepaid, each 15c., doz. \$1.50.

Second-Size Bulbs. Each 20c., doz. \$2.00, postpaid. By express, not prepaid, each 10c., doz. \$1.00.

CALLA LILIES

The Golden. Distinct from all other forms of yellow Callas. Same habit of growth as the white Calla, with flowers of same size and shape, but of a clear, rich, lustrous, golden yellow. Foliage is dark green, with a number of translucent, creamy-white spots, which greatly add to its beauty. Each 35c., doz. \$3.50.

Spotted Leaf. Leaves are a deep green with numerous white spots, which alone give the plant a very ornamental appearance. Flowers are pure white with a black center; grows freely either indoors or out in the open ground. Each 10c., doz. \$1.00.

Black Calla, or Solomon's Lily. Flower richest velvety black. Each 15c., doz. \$1.50.

CANNA

Culture.—The varieties of Cannas offered are all of the highest type of beauty, and every color known among Cannas is represented. When planting do not set roots too deeply; the eye should show a little through the ground. Do not plant outdoors until about the middle of May, when the weather is generally settled and the ground warm.

Roots of all varieties quoted below will be ready March 1st.

We will have plants in stock of all varieties marked P, from May 1st on.

GIANT-FLOWERING CANNAS

Betsy Ross. The fairest and most beautiful pure pink-flowered Canna ever introduced. Green foliage. 3 ft. Each 15c., doz. \$1.50.

Buttercup. Always shows up bright and clear; true Buttercup yellow. Without exception the most magnificent pure, bright, deep canary-yellow Canna in existence. Green foliage. 3 ft. Each 15c., doz. \$1.50. P.

King Humbert. Magnificent giant flowers of pure orange scarlet, produced in great trusses, setting off to great advantage the handsome leathery bronze foliage. Should be in every collection. 4 ft. Each 10c., doz. \$1.00. P.

Mont Blanc, Improved. A Canna with such sparkling whiteness that it rivals the Easter Lily for its chasteness. The blossoms are truly gigantic and make a magnificent display, and are produced freely all the season; almost snow-white in color, showing to great advantage above the vigorous green foliage, and grow upright, an advantage not found in any other white-flowering Canna. 3½ ft. Each 20c., doz. \$2.00. P.

New York. Orchid-flowered with five petals, 5 to 7 inches across, of an intense carmine, well set above the magnificent, broad, deep green foliage, heavily marked and veined with a rich plum color. Each plant produces at the one time 5 or 6 torch-like floral heads and continues to do so through the season. 6 ft. Each 15c., doz. \$1.50. P.

William Saunders. Bright scarlet flowers, produced on branching stems about 4 ft. high, in great clusters, often a foot across. Old flowers drop, or plant is self-cleaning, which means fresh flowers every morning from June until frost. Bronze leaves that are truly magnificent. Each 20c., doz. \$2.00.

CHOICE BEDDING VARIETIES

Black Warrior. A very dark, rich shade of maroon. Green foliage. 3 to 3½ ft. Each 15c., doz. \$1.50.

Comte de Bouchard. Golden-yellow flower with numerous red spots. A very fine variety. Green foliage. 4½ ft. Each 10c., doz. \$1.00.

David Harum. Bright vermilion scarlet, mottled deep red; bronze-colored leaves. 3 ft. Each 15c., doz. \$1.50. P.

Dr. Nansen. This is without doubt the best dwarf yellow Canna for beds and borders. Color a clear yellow, very beautiful. Green foliage. 2½ ft. Each 10c., doz. \$1.00.

Duke of Marlborough. Dark, rich, velvety crimson flowers, in large trusses. Green foliage. 4 ft. Each 10c., doz. \$1.00. P.



King Humbert Canna

Martha Washington. Clear, bright rose pink, in extra large trusses. Flowers 5 inches across. Green foliage. 3 ft. Each 10c., doz. \$1.00. P.

Mrs. Kate Gray. Orchid flowered; flowers 6 inches across, of rich orange scarlet, flaked and streaked golden yellow. Green foliage. 5 ft. Each 10c., doz. \$1.00. P.

Patrie. A magnificent shade of scarlet. Green foliage. 3 ft. Each 10c., doz. \$1.00.

Pillar of Fire. Bright crimson-scarlet flower, borne in erect spikes like blazing torches. An excellent center for a bed; vigorous growth of 6 to 7 ft. Green foliage. Each 10c., doz. \$1.00.

Queen Charlotte. Bright, glowing crimson, each petal elegantly bordered with bright golden yellow. Makes a magnificent bedder; very showy. Green foliage. Each 10c., doz. \$1.00. P.

Venus. 3½ ft. The flowers are of a soft rosy pink, with a pretty mottled border of creamy yellow. Each 15c., doz. \$1.50. P.

Louisiana. 7 ft. A strong, vigorous-growing variety; producing a dense mass of glossy green foliage and vivid scarlet flowers, often measuring 7 in. across. Each 15c., doz. \$1.50.

CINNAMON VINE

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. Leaves are heart-shaped, bright, glossy green; growth is very rapid, often running 25 to 40 ft. in a season. Perfectly hardy. Each 5c., doz. 50c.

CYCAS REVOLUTA

(Sago Palm)

Elegant plants for house or conservatory; dormant roots. Lb. 15c.

DAHLIAS

NEW CACTUS VARIETIES

- Amber Queen.** A large bold flower of a rich amber, suffused with scarlet; very attractive and free-flowering. Each 25c., doz. \$2.50.
- Country Girl.** Very large, free-flowering variety. Base of petals golden yellow, suffused with salmon rose, which is deepest at the points. Each 25c., doz. \$2.50.
- Leuchtfeuer.** A brilliant variety of a bright blood red, with deeper shadings; flowers of fine form. Each 20c., doz. \$2.00.
- Mrs. De Luca.** Golden yellow, tipped orange; very free, one of the best. Each 25c., doz. \$2.50.
- Roland Von Berlin.** One of the best scarlet Cactus Dahlias, producing an abundance of brilliant scarlet flowers well above the foliage. Each 25c., doz. \$2.50.
- T. A. Havemeyer.** Color clear yellow at the base, deepening to bronze; very upright in growth. Each 25c., doz. \$2.50.

STANDARD CACTUS DAHLIAS

- Alpha.** New and distinct. Color white, spotted and flushed pink and crimson. The combination of colors makes this very distinct. Each 20c., doz. \$2.00.
- Aunt Chloe.** Dark maroon, shaded black; perfect form with narrow, pointed petals. Each 20c., doz. \$2.00.
- Beatrice.** Very large. Deep, rosy pink, of beautiful Cactus form. Each 15c., doz. \$1.50.
- Comrade.** Fawn color at the base, gradually shading to pink at the tips. Each 15c., doz. \$1.50.
- Countess of Lonsdale.** A very pleasing shade of salmon pink and amber. A profuse bloomer and a very good sort for cutting. Each 20c., doz. \$2.00.



Cactus Dahlia

- Floradora.** Color dark velvety crimson. The best dark crimson for cutting, as the flowers are borne on long stems and last a long while. Each 20c., doz. \$2.00.
- General Buller.** Deep, rich, velvety maroon, tipped white; a very profuse bloomer. Each 15c., doz. \$1.50.
- Great Western.** A large, noble flower of excellent quality. Color, bright purple. Each 25c., doz. \$2.50.
- J. B. Briant.** Golden yellow tinting to soft creamy yellow at the tips of the petals; sometimes suffused pinkish fawn. Each 20c., doz. \$2.00.
- J. H. Jackson.** One of the largest flowered of the dark-colored sorts. The blossoms are immense in size; deep, rich, velvety maroon. Each 20c., doz. \$2.00.
- Keynes White.** This is a fine, pure white. Very fine. Each 10c., doz. \$1.00.
- Kriemhilde.** A beautiful, fresh, delicate pink, shaded deep rose pink, with an exquisite white center, giving a delightful pink and white contrast. Each 20c., doz. \$2.00.
- Mrs. H. J. Jones.** By far the best fancy Cactus Dahlia yet introduced. The color is a deep crimson with a broad band of white running down the center of each petal. Each 20c., doz. \$2.00.
- Prince of Yellows.** Very large, with broad petals, which are fringed at the tips; color a rich canary yellow. Each 15c., doz. \$1.50.
- Standard Bearer.** Brightest scarlet. Plant of dwarf branching habit; extremely profuse and early. Each 15c., doz. \$1.50.
- The Pilot.** Bright terra cotta, gradually shading to bright yellow at the base. Each 15c., doz. \$1.50.
- Uncle Tom.** The best black Cactus. Color jet black, passing to maroon with a glistening satiny sheen. Each 15c., doz. \$1.50.
- Winsome.** Large flowers of pure spotless white, with twisted incurved petals. Borne on long stems; erect. Each 20c., doz. \$2.00.

NEW DECORATIVE DAHLIAS

- Delice.** The finest pink decorative Dahlia yet introduced. The color is a soft rosy pink, suffused with lavender pink; perfect in form and habit, producing flowers on long stems. This variety should appeal to all lovers of flowers on account of its delicate color. Each 25c., doz. \$2.50.
- Jack Rose.** Rich shade of crimson, the same as is found in the Rose of the same name, from which it derives its name. Plants are of sturdy growth, producing an abundance of blooms on stout stems well above the foliage. Each 15c., doz. \$1.50.
- Kaiserin Augusta Victoria.** One of the best and earliest white decorative Dahlias introduced. This variety is of rather dwarf habit but strong and erect, producing blooms in great profusion on long stems. Each 20c., doz. \$2.00.
- Virginia Maule.** White, delicately suffused with shrimp pink; strong vigorous grower, flowers of beautiful form. This is one of the most beautiful and chaste varieties we know of. Each 25c., doz. \$2.50.

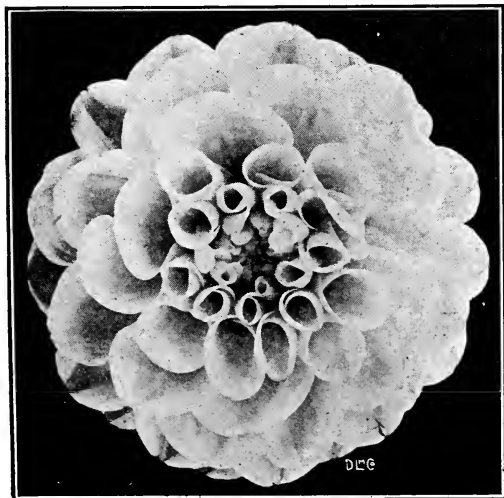
STANDARD VARIETIES

DECORATIVE DAHLIAS

- Admiral Dewey.** Brilliant imperial purple. Each 15c., doz. \$1.50.
- Catherine Duer.** Bright scarlet without any markings. Each 15c., doz. \$1.50.
- C. W. Bruton.** Finest canary yellow. Each 10c., doz. \$1.00.
- Grand Duke Alexis.** A magnificent flower of finest form and largest size; the petals roll up so that the edges overlap each other. The color is pure white, distinctly tinged delicate pink. Each 15c., doz. \$1.50.
- Henry Patrick.** Superb, pure waxy white, of large size. Each 15c., doz. \$1.50.
- Lyndhurst.** Bright scarlet. Very valuable for cutting. Each 15c., doz. \$1.50.
- Madam Van den Dael.** Of immense size and beautiful form. Shell pink, with deeper markings. Each 25c., doz. \$2.50.
- Miss Minnie McCullough.** Soft yellow overlaid with bronze. Each 15c., doz. \$1.50.
- Miss Nellie Stuart.** Light center, shading to pink at the tips of the petals. Each 15c., doz. \$1.50.
- Mrs. Chas. Turner.** Produces a very large flower. Color pure yellow. Each 15c., doz. \$1.50.
- Nymphæa.** Light shrimp pink, with lighter center. Each 15c., doz. \$1.50.
- Sylvia.** Fine form, full at center, which is pure white, shading to soft pink on the outer petals. Each 10c., doz. \$1.00.
- Wm. Agnew.** Best red ever introduced for cutting or decorating. Color intense glistening scarlet crimson. Each 20c., doz. \$2.00.

SHOW DAHLIAS

- A. Pfefferhorn.** Rosy crimson color. Fine form. Each 10c., doz. \$1.00.
- Arabella.** Color pale primrose, shaded and tipped old rose and lavender. Valuable for cutting. Each 10c., doz. \$1.00.
- Beauty.** Snow white. Perfect form. Each 15c. doz. \$1.50.
- Carol.** Pure white, delicately tinted with soft pink. Each 15c., doz. \$1.50.



Dahlia, Virginia Maule—See page 82



Dahlia, Arabella

- Jamaica.** Deep, rich purple, shaded maroon. Each 15c., doz. \$1.50.
- Lemon Beauty.** Full round form. Color soft lemon yellow. Each 15c., doz. \$1.50.
- Miss Dodd.** Very large, pure, sulphur yellow. Each 15c., doz. \$1.50.
- Mrs. Langtry.** Handsome cream, peach and purple. A very fine variety. Each 15c., doz. \$1.50.
- Red Hussar.** An intense scarlet crimson; best of its color. Each 20c., doz. \$2.00.
- Storm King.** The finest of all white show Dahlias. Early, profuse and a constant bloomer. Each 20c., doz. \$2.00.

FANCY DAHLIAS

- American Flag.** Pure white, striped crimson. Extra large flowers on long stems. Each 15c., doz. \$1.50.
- Frank Goodman.** Rich purple, tipped white; distinct flowers on long stem. Each 15c., doz. \$1.50.
- Harlequin.** Brilliant crimson, striped and tipped pure white; dwarf. Each 15c., doz. \$1.50.
- Lucy Fawcett.** Light yellow, penciled and spotted light carmine rose. Very large, free. Each 15c., doz. \$1.50.
- Mrs. Stancombe.** Straw, suffused amber, penciled red, mottled and tipped pinkish white. Each 15c., doz. \$1.50.
- Penelope.** White, flaked lavender. One of the best. Each 15c., doz. \$1.50.

POMPON DAHLIAS

- Alewine.** White, flushed pink. Each 10c., doz. \$1.00.
- Fairy Queen.** Sulphur yellow, edged with deep peach. Each 10c., doz. \$1.00.
- La Petit Jean.** Dark rich crimson; very fine. Each 10c., doz. \$1.00.
- Snowclad.** Finest white Pompon to date. Each 15c., doz. \$1.50.
- Splendens imbricata.** Very bright red. Fine form. Each 10c., doz. \$1.00.

MIXED SHADES OF DAHLIAS

These come in white, pink, red and yellow shades and contain a majority of the Double sorts. Each 10c., doz. \$1.00, 100 \$7.00.

GLADIOLUS

The most attractive of all Summer-flowering bulbs are the Gladioli. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best, both in mixtures and in named sorts. If Gladioli are wanted by mail, add 10c. per doz. for postage.

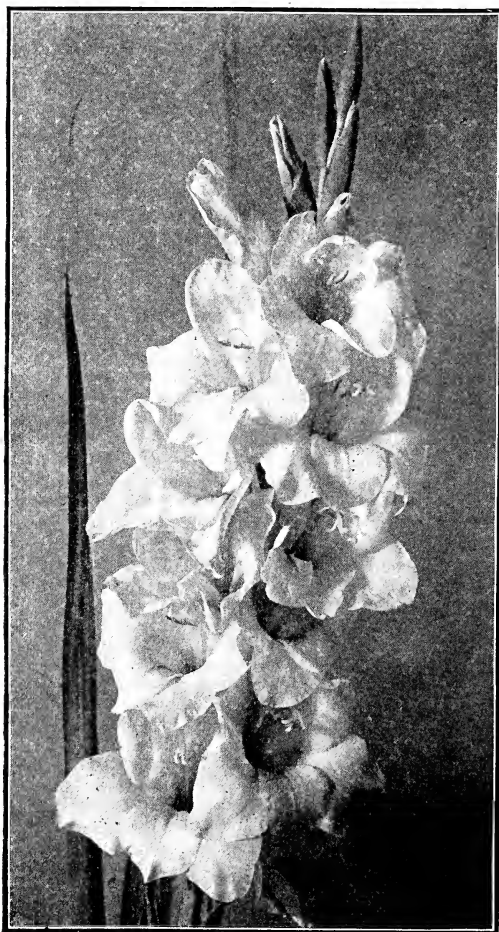
STANDARD SHOW VARIETIES OF GLADIOLUS

America. This is one of the finest Gladioli ever introduced and ranks as the best sort for cutting as well as all-around purposes. The color is a very beautiful soft pink, the coloring and texture resembling those of the Orchid. Each 10c., doz. \$1.00, 100 \$6.00.

Attraction. A very attractive sort; color a deep crimson with a pure white center and throat. Each 10c., doz. 90c., 100 \$5.00.

Augusta. A lovely and useful variety; pure white with blue anthers. Each 5c., doz. 50c., 100 \$3.00

Baron Hulot. A most beautiful sort; color is of a rich violet blue. Flowers are of good substance, quite large and very attractive. Each 15c., doz. \$1.50, 100 \$10.00.



Gladiolus America

Brenchleyensis. Color a vermilion scarlet. One of the best varieties for showy masses. Each 5c., doz. 50c., 100 \$3.00.

Cardinal. Color a rich cardinal. Flowers are very large, borne on long spikes. Each 15c., doz. \$1.50, 100 \$10.00.

Ceres. White, flaked with dark rose. A very attractive sort. Each 6c., doz. 60c., 100 \$4.00.

Columbia. Color orange scarlet, blotched with bluish purple. This variety makes a very effective show. Each 10c., doz. 75c., 100 \$6.00.

Gracilis. Color a dull red, penciled slaty blue. Flowers are large and showy. Each 10c., doz. 75c., 100 \$6.00.

Isaac Buchanan. A very fine yellow sort. Makes a very fine show in combination with Baron Hulot. Each 10c., doz. \$1.00, 100 \$6.00.

I. S. Hendrickson. Mottled white and pink. Large blooms on long spikes. Each 10c., doz. \$1.00, 100 \$7.00.

Jessie. Velvety red. A good variety for cutting, having long spikes well filled. Each 8c., doz. 75c., 100 \$5.00.

Mohonk. A strong grower; flowers of large size and great substance. Deep, dark pink with spotted throat. Each 15c., doz. \$1.50.

Mrs. Francis King. Light scarlet in color. Very vigorous grower and free bloomer. Each 10c., doz. 75c., 100 \$4.50.

Oddity. Color deep amaranth red. As its name implies, a very odd-colored variety. Each 10c., doz. 90c., 100 \$5.00.

Princes. Large Amaryllis-like flowers, of a beautiful red color, having broad, white blotches across the lower petals. Very striking and effective. Each 15c., doz. \$1.50, 100 \$10.00.

Salem. A fine salmon pink. Large, open flowers. Each 10c., doz. 90c., 100 \$5.00.

Scribe. A beautiful, large and open flower on a large spike. Color tinted white, striped freely with carmine. Each 10c., doz. \$1.00, 100 \$7.00.

Sunlight. Colored light crimson with a yellow throat. A fine and showy variety. Each 10c., doz. 90c., 100 \$5.00.

GLADIOLUS IN MIXTURE

XXXX Mixture. We believe this is one of the best mixtures offered and are sure those who select this mixture will have no occasion to regret it. It is made up of named varieties with a large percentage of Childsii Hybrids. The colors are marvelous and for outdoor use you cannot get any better mixture at any price. Doz. 50c., 100 \$3.00, 1000 \$25.00.

Popular Mixture. This mixture contains a wide range of colors, but the bulbs are not strictly first size. However, they are good-sized bulbs and will produce very fine flowers and colors. Doz. 35c., 100 \$2.50, 1000 \$20.00.

Childsii Mixture. This is a first quality mixture of this justly famous type of Gladioli. The blooms are very large and the colorings unsurpassed. This mixture is made up of named sorts and many beautiful seedlings. Doz. 50c., 100 \$3.50, 1000 \$30.00.

GLOXINIA

Gorgeous house plants, and the best tuberous-rooted plants for indoor culture. Trumpet-shaped flowers of exceptional color and markings.

Mixed. All the popular varieties in mixture. Each 10c., doz. \$1.00.

HYACINTHUS CANDICANS

Summer-Flowering Hyacinth. Blooms in the early Spring. Flower spike 3 to 5 ft. high, bearing 20 to 30 pure white, bell-shaped flowers. Half-hardy. Each 5c., doz. 50c.

IRIS (Fleur-de-lis)

Ready in October and November

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light, rich, sandy soil and in a sunny situation. Good drainage is important. The varieties of *Iris Kämpferi*, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 or 12 flower spikes 3 ft. high, each bearing 2 to 4 enormous blossoms measuring 8 to 10 in. across. These require a liberal supply of water when growing.

Iris Germanica (German Iris). Each 15c.

Iris Kämpferi (Japanese Iris). Each 20c.

ISMENE CALATHINA

Large, Amaryllis-like flowers, pure white and deliciously fragrant. Take up in October; after a few weeks, repot and flower in the house during Winter. Each 20c., doz. \$2.00.



German Iris

HARDY GARDEN LILIES

Auratum (The Golden-Rayed Lily of Japan). The most beautiful of all Lilies. Flowers white, dotted crimson, with a clear, golden band running through the center of each petal; very fragrant. Each 25c., doz. \$2.50.

Speciosum album. Pure white, with greenish band through the center of each petal. Each 20c., doz. \$2.00.

Speciosum rubrum. A most satisfactory sort. Flowers white, with deep, rosy crimson band on each petal, and deeper-colored spots between. Each 20c., doz. \$2.00.

Melpomene. A grand variety. Flowers rich blood crimson, heavily spotted. Each 25c., doz. \$2.50.

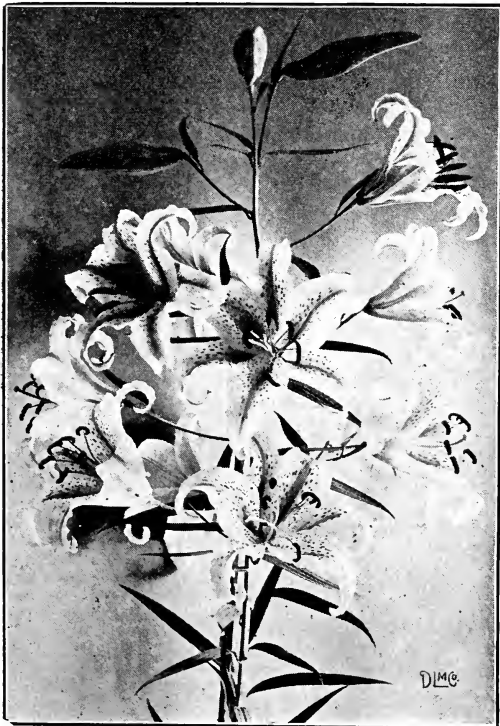
MADEIRA, or MIGNONETTE VINE

A beautiful and popular vine, covering a large space in a short time. Fleshy, heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Each 5c., doz. 50c.

MONTBRETIAS

Resembles the *Gladiolus* in growth and sword-like foliage, but does not have to be lifted each Fall. The beautiful spikes of star-shaped flowers are in various shades of red, yellow and orange, and bulbs flower freely the first season.

Mixed Colors. 3 for 10c., doz. 30c., 100 \$2.00.



Lilium auratum

LILY OF THE VALLEY

These are among the nicest flowering plants. Produce small, bell-shaped flowers, which are delightfully fragrant.

The foliage is also very pretty. For massing in borders or beds they cannot be surpassed. Strong clumps. Each 25c., doz. \$2.50. Pips, doz. 30c., 100 \$2.00.

Berlin Pips. Per bundle of 25 \$1.00, \$2.50 per 100, \$20.00 per 1000. Ready for delivery in November.

Cold Storage Hamburg Pips. Prices on application.

DIELYTRA or DICENTRA

Spectabilis (Bleeding Heart). A very popular old-fashioned plant, bearing heart-shaped flowers of a beautiful rose and white combination. The flowers are borne on long, pendulous stems and the effect is very pretty. Each 15c., doz. \$1.50.

OXALIS (Summer-Flowering)

Bulbs set 3 inches apart will produce an unbroken row of elegant foliage, completely covered with the pretty flowers. Blooms very quickly after planting and furnishes a neat and attractive border the whole season. Splendid for pot culture, and when planted 6 or 8 in a pot are decidedly ornamental.

Shamrock. Clover-like foliage, pink blossoms.

Deppei. Pure white flower; very fine.

Lasiandra. Cut foliage, beautiful rosy-pink flowers.

Any of the above: Doz. 10c., 25 for 15c., 50 for 25c., 100 for 40c., postpaid.



Lily of the Valley



Border of Paeonies

PAEONIES

These flowering roots are becoming more popular every year, owing to their great range of color and magnificent, showy flowers. There have been rapid strides made in color production the last few years and the shades we offer contain many of the best sorts and colors that specialists list under separate names and colors. They increase in floral beauty year after year and when once planted last a life time. Plant in rich and somewhat moist soil.

Double White Shades. Each 20c., doz. \$2.00.

Double Pink Shades. Each 25c., doz. \$2.50.

Double Red Shades. Each 20c., doz. \$2.00.

"Old-Fashioned Piney" (Officinalis rubrum)

Deep red color. Very double and fragrant. Each 20c., doz. \$2.00.

A long list of Selected Named Varieties and prices on application.

TIGRIDIAS, or SHELL FLOWERS

Very handsome, Summer-flowering bulbs, growing about 2 ft. high, producing large, spotted flowers, flowering freely throughout the Summer.

Conchiflora. Dark yellow, large red spots.

Pavonia. Crimson center, mottled yellow.

Alba. White, with yellow cup, spotted crimson.

Lilacea. Lilac, with purple and white spots.

Each 5c., doz. 50c.

TUBEROSES

Excelsior Double Dwarf Pearl. Long spikes, 20 to 30 in. high, with large, double, pure white flowers of exquisite fragrance.

XXX Grade. Each 5c., doz. 40c., 100 \$2.00.

XX Grade. 2 for 5c., doz. 25c., 100 \$1.25.

HARDY PERENNIAL PLANTS

Hardy perennial plants have many claims, both practical and artistic, and of late years they have been largely cultivated. They are found in the villager's yard, as well as in the millionaire's garden, and by a judicious selection, a succession of flowers can be had from April to September. To this end, we have noted the months of flowering as a guide. One of the telling points is their easiness of culture. Planted in Autumn and given a light protection the first year, they stand all the rigors of successive Winters, flowering each season. They should be planted where they are intended to be grown permanently. Those of dwarf habit should be placed in front, and the taller sorts, such as Hollyhock, Tritoma, Foxglove, etc., in the rear. We know of no class of plants which afford such a wealth of flower, for such a small outlay, as Hardy Perennial plants. They combine all shades of color, and are of the easiest culture, in fact, "they grow themselves," and no garden, no matter how modest, is complete without them. By procuring a few assorted plants, an "old-fashioned garden" can be had for a small financial outlay.

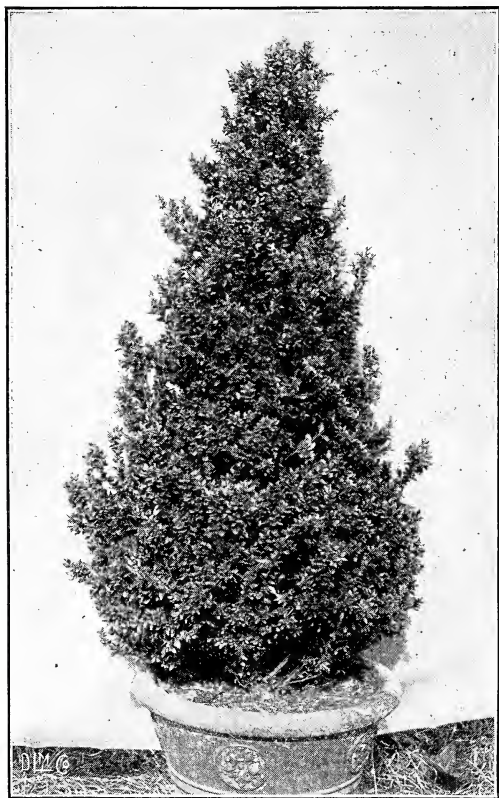
	Height	Color	Time of Bloom
<i>Aconitum napellus</i> (Monkshood).....	3 ft.	Blue & White	July-August
<i>Achillea</i> "The Pearl".....	2 ft.	White	July-August
<i>Althaea</i> (Hollyhock). 20c. each.....	5-6 ft.	All Colors	July-August
<i>Alyssum saxatile</i> (Golden Tuft).....	1 ft.	Yellow	April-May
<i>Anemone japonica alba</i> (Wind Flower).....	2 ft.	White	Sept.-Oct.
<i>Aquilegia</i> (Columbine).....	2 ft.	All Colors	May-June
<i>Asclepias tuberosa</i> (Butterfly Flower).....	2 ft.	Orange	July-August
<i>Aster Novae-Anglae</i> (New England Aster).....	4 ft.	Purple	August-Sept.
<i>Bocconia cordata</i> (Plum Poppy).....	6 ft.	Creamy White	July-Sept.
<i>Boltonia asteroides</i>	4 ft.	White	August-Oct.
<i>Boltonia latisquama</i>	4 ft.	Pink	August-Oct.
<i>Campanula</i> (Canterbury Bells).....	2 ft.	All Colors	June-August
<i>Centaurea orientalis</i> (Knapweed).....	3 ft.	Yellow	July
<i>Cerastium tomentosum</i> (Snow in Summer).....	6 in.	White	May-June
<i>Conoclinium</i> (Mist Flower).....	2 ft.	Blue	August-Oct.
<i>Delphinium</i> (Hardy Larkspur).			
<i>Chinensis</i>	2 ft.	White & Blue	June-Oct.
<i>alba</i>	2 ft.	White	June-Oct.
<i>formosum</i>	2 ft.	Dark Blue	June-Oct.
<i>Coelestinum</i>	2 ft.	Sky Blue	June-Oct.
<i>Dianthus</i> (Hardy Pinks).			
<i>Barbatus</i> (Sweet William).....	1½ ft.	All Colors	May-June
<i>Dicentra or Dielytra</i> (Bleeding Heart).....	1½ ft.	Rose	April-June
<i>Digitalis gloxiniaeflora</i> (Foxglove).....	3 ft.	All Colors	June-August
<i>Epimedium alpinum</i> (Barrenwort).....	9 in.	Crimson & Yellow	May-June
Ferns, Hardy. A large assortment.			
<i>Funkia undulata variegata</i>	1½ ft.	Variegated Foliage	July
<i>Gaillardia grandiflora</i> (Blanket Flower).....	1½ ft.	Orange	June-Nov.
<i>Eulalia gracillima</i> (Ribbon Grass).....	5 ft.	Variegated	
<i>Gypsophila paniculata</i> (Baby's Breath).....	2 ft.	White	July-August
<i>Helenium autumnale</i> (Sneeze Weed).....	4 ft.	Yellow	August-Sept.
<i>Helianthus</i> (Hardy Sunflower).....	6 ft.	Assorted	August-Oct.
<i>Heliopsis Picherianus</i> (False Sunflower).....	4 ft.	Golden Yellow	July-Sept.
<i>Hemerocallis flava</i> (Yellow Day Lily).....	3 ft.	Yellow	June-August
<i>Hibiscus Crimson Eye</i> (Mallow).....	5 ft.	White & Crimson	August-Sept.
<i>Iberis sempervirens</i> (Hardy Candytuft).....	10 in.	White	April-June
<i>Iris Germanica</i> (German Iris).....	3 ft.	Assorted	May-June
<i>Iris Kaempferi</i> (Japanese Iris). 20c. each.....	3 ft.	Assorted	June-July
<i>Lavandula vera</i> (Sweet Lavender).....	1½ ft.	Yellow	July-Sept.
<i>Liatris pycnostachya</i> (Gay Feather).....	5 ft.	Purple	July-Aug.
<i>Lobelia cardinalis</i> (Cardinal Flower).....	3 ft.	Scarlet	August-Oct.
<i>Lychnis Chalcedonica</i>	2 ft.	Scarlet	June-July
<i>Monarda didyma</i> (Horse Mint).....	3 ft.	Red	July-Aug.
<i>Myosotis palustris</i> (Forget-Me-Not).....	10 in.	Blue	May-Sept.
<i>Oenothera fruticosa</i> (Evening Primrose).....	2 ft.	Yellow	June-July
<i>Peonies Double Chinese</i> . 20c. each.....	2½ ft.	Assorted	June-July
<i>Papaver orientalis</i> (Oriental Poppy).....	2 ft.	Scarlet	June-July
<i>Pentstemon barbatus</i> (Beard Tongue).....	4 ft.	Scarlet	July-August
<i>Phlox decussata</i> (Hardy Phlox).....	2½ ft.	Assorted	June-Oct.
<i>Platycodon</i> (Balloon Flower).			
<i>grandiflorum</i>	2 ft.	Blue	June-Oct.
<i>album</i>	2 ft.	White	July-Oct.
<i>Primula Veris</i> (English Cowslip).....	9 in.	Yellow	April-June
<i>Primula Vulgaris</i> (English Primrose).....	9 in.	Yellow	April-June
<i>Pyrethrum Hybridum</i> (Single Hardy).....	2 ft.	Assorted	May-June
<i>Rudbeckia laciniata fl. pl.</i> (Golden Glow).....	1 ft.	Yellow	July-Sept.
<i>Sedum acre</i> (Golden Moss).....	3 in.	Yellow	May-July
<i>Sedum spectabilis</i> (Stonecrop).....	1½ ft.	Pink	May-July
<i>Spiraea Japonica</i>	2 ft.	White	June-July
<i>Stokesia cyanea</i> (Stoke's Aster).....	3½ ft.	Blue	July-Oct.
<i>Tritoma Pfitzeri</i> (Red Hot Poker).....	4 ft.	Orange	July-Sept.
<i>Veronica longifolia</i> . 25c. each.....	2 ft.	Blue	August-Sept.
<i>Wallflower</i>	1 ft.	bronze yellow	June-Oct.
<i>Yucca filamentosa</i> (Adam's Needle), 25c. each....	5 ft.	White	July-August

Price for any of the above, except where noted, 15c. each, \$1.50 per dozen.

FOR PERENNIAL FLOWER SEEDS, SEE PAGE 11

HARDY ORNAMENTAL TREES, ETC.

We import these in large quantities from Holland every year and know you cannot get better value for the money anywhere. The plants we offer are good shape, robust and vigorous. The following list comprises the most beautiful varieties and will thrive in almost any climate in this country. Shipped by express, not prepaid.



Pyramidal Box Tree

BUXUS SEMPERVIRENS (Boxwood)

Fine for producing effects in lawns, driveways, walks, etc. Keep green all the year round; very hardy and vigorous. We offer ball-shaped plants as follows: 1 ft., each 30c.; 1½ ft., each 75c.; 2 ft., each \$1.25; 2½ ft., each \$2.00; 3 ft., each \$3.50.

Pyramidal form. 3-ft. plants, each \$2.50.

Globe-shaped. Fine plants. 18 in. x 18 in., each \$3.00; 2 ft. x 2 ft., each \$4.50.

ABIES NORDMANNIANA (Silver Fir)

This is one of the most beautiful foliage trees we offer. Foliage is a massive dark green, having a silvery effect above and glaucous below, producing a fine sight to behold throughout the year. 1½-2 ft., each \$1.50; 2-2½ ft., each \$2.50; 2½-3 ft., each \$3.00.

Abies Sitchensis. A very rapid-growing and beautiful sort. Will make an effect quicker than any other kind. Fine plants. 2 ft., each 50c.

Abies Veitchii (Japan Fir). This variety originated in Japan, and is one of the most beautiful specimens grown. 2 ft., each \$1.00; 2-2½ ft., each \$1.50.

PICEA PUNGENS (Koster Blue Spruce)

A selection out of the bluest tints of the Colorado Blue Spruce. This is one of the most attractive conifers yet introduced. Makes a fine show on lawns, cemeteries, drive entrances, walks, etc. Holds its color throughout the year. Fine specimen plants. 1½ ft., each \$1.75; 2 ft., each \$2.50; 2½ ft., each \$3.00; 3 ft., each \$3.50.

RETINOSPORA OBTUSA GRACILIS

A very graceful variety of Japan Cypress and should be largely planted. Is hardy in the latitude of New York. Fine specimen plants. 2-2½ ft., each \$1.50; 2½-3 ft., each \$2.50.

RETINOSPORA PLUMOSA

AUREA (Golden Foliage)

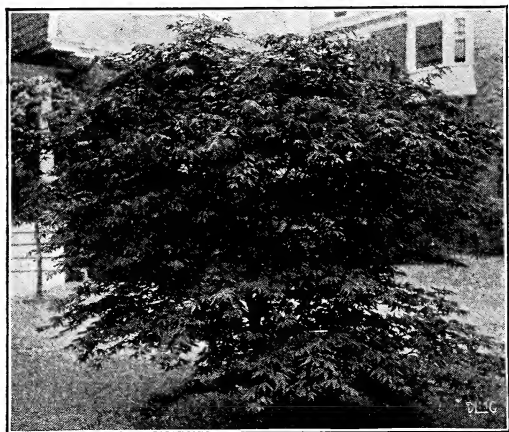
Grows in a pyramidal form; is very graceful and of a beautiful, bright golden color. Plants 2-2½ ft. high, each \$1.50; 2½-3 ft., each \$2.25.

RETINOSPORA SQUARROSA

This is another variety of the Japan Cypress but has steel-colored foliage. This variety grows very compact and can be pruned into almost any shape or size desired. Plants 2-2½ ft. high, each \$3.00.



Koster's Blue Spruce



Japanese Maple

AZALEA MOLLIS

This variety is perfectly hardy, and during May, produces brilliant-colored flowers in different salmon shades. The foliage appears immediately after the flowers have dropped. Very showy plants for massing. Plants about 1 ft. high, each 35c., doz. \$3.50; 1-1½ ft., each 50c., doz. \$5.00.

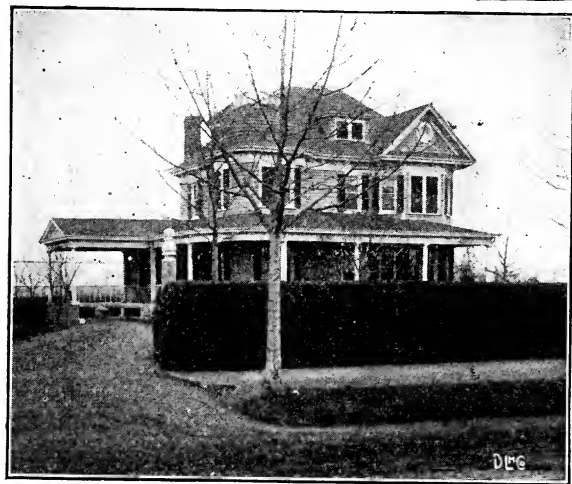
Standard, or Tree form. 2-3 ft. stems, each \$1.50.

AZALEA AMOENA

This variety is practically green with foliage throughout the year. In the late Spring the plants become literally covered with small, rosy-crimson flowers, which produce a wonderful effect. Plants about 1 ft. high, each 60c., doz. \$6.00.

DEUTZIA GRACILIS

A graceful and charming shrub, bearing pure white flowers over the entire plant; blooms during June. 1 ft. plants, each 25c., doz. \$2.50; extra size, each 50c.



California Privet

CALYCANTHUS FLORIDUS

(Sweet Scented Shrub)

This is an old but very popular shrub. Flowers are of a deep purple color, which are very fragrant. Each 25c., doz. \$2.50.

ACER POLYMORPHUM

(Japan Maple)

These foliage trees are very beautiful, especially in the Fall, when they are in full leaf. For effects in lawns they cannot be surpassed. The trees we offer are good, thrifty stock.

Japonicum aureum. The foliage of this variety is colored yellow, of a fascinating shade; strong plants. Each \$1.00, doz. \$10.00.

Palmatum dissectum viride. This variety produces foliage of a delicate green shade, finely cut; makes a handsome appearance; strong plants. Each \$1.00, doz. \$10.00.

Polymorphum atropurpureum. This is one of the standard varieties, producing quite large foliage of a dark purple. Grows into a bushy tree, which adds effect to any lawn. Strong pot-grown plants. Each \$1.00, doz. \$10.00.



Rhododendron

CALIFORNIA PRIVET

(*Ligustrum ovalifolium*)

The most popular hedge plant grown. Extremely hardy and a rapid grower. Can be pruned into almost any shape desired; cutting improves them. 2-2½ ft., 100 \$5.00, 1000 \$45.00; 3-3½ ft., 100 \$7.00, 1000 \$60.00.

RHODODENDRONS

These plants are favorably known. Are used in almost every way in landscape gardening; but do best in shaded positions. They can be used for massing, making a very fine show all the year round, especially when in bloom. The plants we offer are thrifty and healthy stock. Colors represented are white, pink, red and purple. Each, \$1.00, doz. \$10.00. Extra size, each \$1.50, doz. \$15.00.



Japanese Snowball

CORNUS (Dogwood)

Alternifolia. Fragrant, creamy-white flowers and large foliage. Very fine. 2-3 ft., each 25c. doz. \$2.50.

Sibirica (Red Siberian Dogwood). A rare and remarkable variety, with bright red bark in Winter. 3-3½ ft., each 35c., doz. \$3.50.

CYTISUS LABURNUM (Golden Chain)

Each 75c.

CRATAEGUS OXYACANTHA

(Pink Hawthorn)

Each 75c.

ALTHEA (Rose of Sharon)

These plants produce robust bushes, which make a very pretty effect on lawns or borders. The flowers are large and very pretty. Different colors. Strong plants. Each 35c., doz. \$3.50.

HYDRANGEA PANICULATA

(Bush Form)

This is one of the most popular and desirable plants you can grow. Produces oblong-shaped flowers about August. Are a greenish white when first appearing, gradually turning white; later they turn a reddish color. Can be used as a dry flower for decorative purposes. Good, thrifty plants. Each 25c., doz. \$2.50.

We also supply this variety on stems about 3 ft. high. Each 50c., doz. \$5.00.

VIBURNUM OPULUS

A variety of Japan Snowball, long and well known. Produces in profusion ball-shaped blooms, pure white in color. The foliage is a shining green; very showy. Strong plants. Each 25c., doz. \$2.50.

SYMPHORICARPUS

(St. Peter's Wort)

Racemosus (Snowberry). A popular, hardy shrub, of medium size and bushy form; small pink flowers in Summer, followed by large, waxy-white berries in Autumn. Very ornamental. 2½-3 ft., each 35c., doz. \$3.50.

WEIGELIA

This plant is of Japanese origin. Produces large, trumpet-shaped blooms along the branches during June and July. The variety we offer, **Eva Rathke**, is one of the finest grown. Color a rosy crimson. Each 25c., doz. \$2.50. Extra size, each 50c.

LILAC

An old favorite flowering bush. We offer them in colors, purple and white. Each 50c., doz. \$5.00.

PHILADELPHUS (Mock Orange)

This is another flowering bush. Extremely hardy; produces pure white flowers, which are very fragrant. Large plants. Each 25c., doz. \$2.50.

FORSYTHIA FORTUNEI

(Golden Bell)

This is a very early-blooming bush, the flowers appearing before the foliage. Very attractive and perfectly hardy. Large plants. Each 25c., doz. \$2.50.

AUCUBA JAPONICA VARIEGATA

Dark green, laurel-like foliage, freely spotted with bright yellow. Excellent for both Summer and Winter decorations. 1½-2 ft., each 75c.



Hydrangea paniculata grandiflora

DOUBLE FLOWERING PLUM

This is a very showy shrub, perfectly hardy. Flowers are semi-double, of a delicate pink color. Blooms in May. Each 50c.

MAGNOLIA

Soulangiana. A very popular flowering tree, bearing pinkish-white flowers in early Spring. After appearing in full bloom, the flowers drop, after which the foliage appears, which is a glossy green. Large trees, 4-5 ft., each \$2.00.

Speciosa. This variety produces pure white flowers. Trees, 4-5 ft., each \$2.00.

Lenne. This is one of the most beautiful of the Magnolias. The blossoms are a deep red and are very large. 4-ft. trees, each \$2.50.

SPIRAEA

Van Houttei. An early Spring-blooming shrub. Pure white flowers borne along graceful branches. Each 25c.

Anthony Waterer. Bright crimson. Each 25c.

ANDROMEDA FLORIBUNDA

(Lily of Valley Tree)

Of dwarf habit, having upright panicles of nodding, waxy-white flowers. Blooms in May. Each \$1.00, doz. \$10.00.

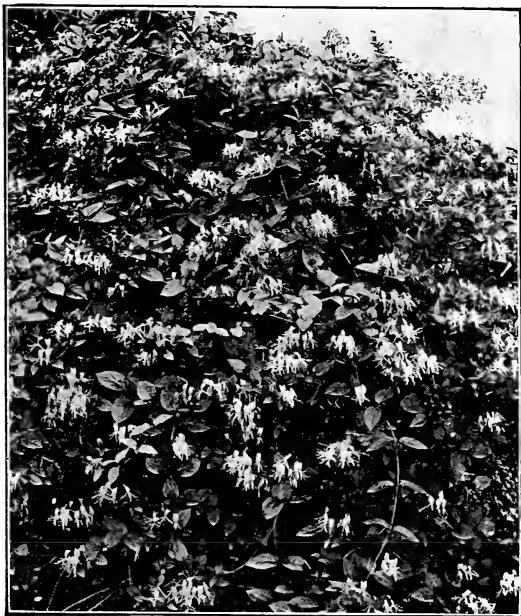
AMPELOPSIS VEITCHII (Boston Ivy)

This is one of the handsomest vines to grow on walls or sides of brick houses. Clings very firmly to the smoothest surfaces. Each 25c., doz. \$2.50.

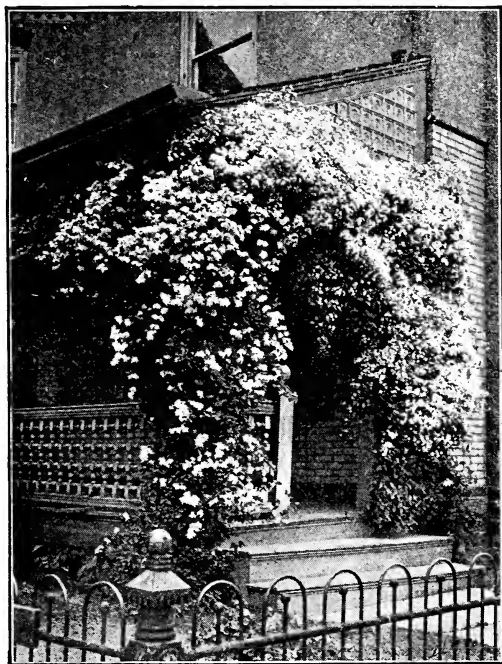
ARISTOLOCHIA SIPHO

(Dutchman's Pipe)

Brownish-colored flowers, which resemble a pipe in shape. This vine grows quite rapidly, producing very large, heart-shaped foliage. Each 50c., doz. \$5.00.



Honeysuckle, Fragrant Dutch



Clematis paniculata

BIGNONIA GRANDIFLORA

(Trumpet Creeper)

Strong plants. Each 40c.

CLEMATIS

This is one of the most popular climbers we know of. Grows best in a sandy loam. Produces large blooms, which are most beautiful. We offer the following varieties, potted plants.

Jackmanii. Rich velvety dark purple. Each 50c.

Henryi. Pure white, fine, large flowers. Each 50c.

Ville de Lyon. A beautiful red; large. Each 50c.

Duchess of Edinburgh. This variety is a double-flowering white; very beautiful. Each 50c.

Paniculata (Virgin's Bower). This variety produces small white flowers, in clusters, covering the plant over the entire top. Each 30c.

LONICERA (Honeysuckle)

Belgica (Fragrant Dutch Honeysuckle). Flowers red and yellow; blooms all Summer. Each 50c.

Halleana (Hall's Japan Honeysuckle). A strong grower and constant bloomer. Flowers open white, changing to buff; very fragrant. Each 25c.

Japonica (Pink Woodbine. Evergreen Honeysuckle). Choice and well known, with purplish stems and leaves, holding its foliage all Winter. Flowers pink and white; fragrant. Each 25c.

VINCA (Periwinkle)

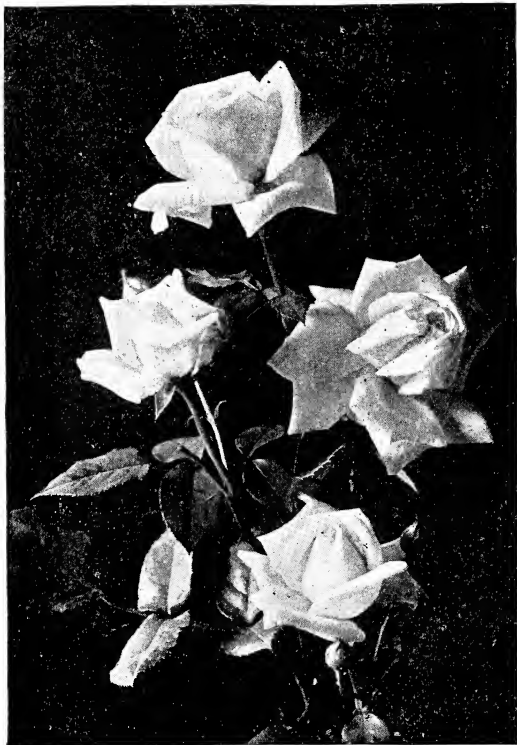
Minor. Evergreen trailer; fine for covering bare places. May, June. Each 15c., doz. \$1.50.

WISTARIA CHINENSIS

Flowers sky blue. Each 50c.

NOLL'S SELECTED ROSES

We have used great care in the selection of the following list of Roses and are positive they will please all purchasers. The varieties offered are two-year-old, field-grown plants, and with ordinary care will produce the finest flowers and most fascinating colors. Customers wishing Rose plants shipped will bear in mind that the sizes we offer are not available but are shipped by express at purchaser's expense.



Rose, Kaiserin Augusta Victoria

HYBRID PERPETUAL ROSES

American Beauty. Rich, rosy crimson.
Baron de Bonstettin. Dark velvety crimson.
Captain Christy. Delicate flesh color, rosy center.
Clio. Flesh, center shaded with rosy pink.
Frau Karl Druschki. The finest white rose.
General Jacqueminot. Brilliant crimson scarlet.
Hugh Dickson. Brilliant crimson, shaded scarlet.
Magna Charta. Bright rose, very large.
Mrs. John Laing. Soft pink, abundant bloomer.
Paul Neyron. Deep rose, flowers very large.
Soleil d'Or. (Golden Sun). Deep yellow, shaded orange. Each 35c., doz. \$3.50.
Ulrich Brunner. Cherry crimson, large size.
Prices, each 25c., doz. \$2.50, except where noted

HYBRID TEA ROSES

Clothilde Soupert. White, center rosy, very full. Each 35c., doz. \$3.50.
Gruss an Teplitz. Scarlet crimson, very free flowering.
Kaiserin Augusta Victoria. White. Each 35c., doz. \$3.50.
Killarney. Pink shaded white, very fragrant.
La France. Bright pink, very large, excellent form.
Mme. Caroline Testout. Bright rose, very fragrant.
Franz Deegan. Yellow, a strong grower. Each 40c., doz. \$4.00.

Mrs. Aaron Ward. Indian yellow. Each 40c., doz. \$4.00.
Maman Cochet. Pink, extra large. Each 35c., doz. \$3.50.
Safrano. Bright apricot, free bloomer. Each 40c., doz. \$4.00.
White Killarney. Very fine, of excellent form.
Liberty. Brilliant velvety crimson.
Mevrouw G. W. van Gelderen. New. A cross between Gloire de Dijon and Captain Christy. Color a soft, creamy pink, a strong grower, very early and free flowering variety. Each 50c., doz. \$5.00.
Prices, each 25c., doz. \$2.50, except where noted

CLIMBING and TRAILING ROSES

Crimson Rambler. Crimson.
Dorothy Perkins. Soft pink.
Tausendschoen. Rosy carmine.
Thalia. White rambler.
Aglaia. Yellow rambler.

Prices, each 25c., doz. \$2.50.

DWARF POLYANTHA ROSES

Anchen Muller. Brilliant rose.
Catherine Zeimet. White baby rambler.
Mme. Norbert Levavasseur. Baby rambler, crimson.
Prices, each 25c., doz. \$2.50.



Mevrouw G. W. van Gelderen

Small Fruits

Consisting of Dewberries, Blackberries, Currants, Gooseberries, Raspberries, Strawberries and Grapes, are among the greatest necessities of the home. Their use for culinary and dessert purposes is of untold value. The medicinal qualities of the Black Currant are well known. The Grape is also a domestic favorite.

Grapes

	Each	Doz.	100
2-yr.....	\$0.25	\$2.50	\$15.00
3-yr.....	.35	3.00	25.00
4-yr.....	.50	5.00	
Extra.....	.75	7.50	

BLACK GRAPES

Champion. Bunches medium to large; compact; berries large; skin thick and firm; sweet and juicy; hardy and very productive.

Concord. Fine black variety; splendid flavor; reliable and productive; one of the most popular varieties.

Wilder. Bunch very large and compact; berry large and tender; juicy and sweet. One of the best blacks.

Worden. Bunch large, compact and handsome; berries large.

RED AND REDDISH-PURPLE GRAPES

Agawam. Large bunches; red berries, tender and juicy. Good bearer. Ripens early.

Catawba. Bunches large and loose; berries large, coppery red, becoming purple when well ripened.

Delaware. Bunches small and compact; berries small, light red; sugary and vinous.

Woodruff Red. Bunches and berries very large; of excellent quality; good keeper.

Wyoming. Similar to Delaware, but larger; sweet and very aromatic. Hardy and productive.

WHITE GRAPES

Elmira. Bunches and berries medium size; vigorous. Hardy and productive. Valuable for wine.

Empire State. Bunch large; berry medium to large; flesh tender, sweet and juicy.

Niagara. Bunch medium to large; berry large, roundish, uniform; skin thin, with a thin, whitish bloom; flesh slightly pulpy; tender and sweet.

Currants

Should hold a very important position in every garden, as they are of easy culture and may be devoted to many uses.

2-yr., each 15c., doz. \$1.50; extra large bushes, each 25c., doz. \$2.50.

Black Champion. Bunch and berry very large, of excellent quality; prolific and strong.

Black Naples. Very much esteemed for jellies.

Cherry. One of the largest red Currants; bunches short.

North Star. Red; very long clusters; fine quality.

Red Dutch. A well-known variety; immense bunches; very productive.

White Dutch. An excellent white variety; medium size; very sweet.

Gooseberries

It is best to plant in rich ground. Clean out old wood in Spring and trim to keep bushes in shape.

Except where noted: each 20c., doz. \$2.00.

Columbus. Large, oval, greenish yellow; fine quality.

Downing. Large, whitish green; soft and juicy; vigorous and prolific.

Industry. Large; roundish oval; dark red; of fine flavor and very productive. Each 35c., doz. \$3.50.

Keepsake. Very large; straw colored; of excellent quality; very early. Each 35c., doz. \$3.50.

Red Jacket. Large; red, good flavor; hardy and prolific.

Smith's Improved. Large; oval; light green flesh firm and sweet. Each 35c., doz. \$3.50.

Raspberries

Plant in rows about 5 ft. apart and 3 ft. between the plants. They like good, rich soil, with plenty of manure. Early in the Spring cut out the old wood which bore the last crop of fruit.

Each 10c., doz. \$1.00, 100 \$7.00.

Brandywine. Large, bright red; very firm; subacid; hardy and productive.

Cuthbert (Queen of the Market). Red, very large and firm; sweet and luscious.

Golden Queen. Large, amber color; firm; fine quality; remarkably productive.

Miller. Large, bright red; rich flavor; core small.

BLACKCAP RASPBERRIES

Doz. 75c., 100 \$6.00; extra size, doz. \$1.50, 100 \$10.00.

Black Diamond. Very large; ripens early; very sweet and fine flavor. Pulpy; few seeds.

Cumberland. Very large, glossy berries; firm, juicy and sweet.

Eureka. Large, juicy and rich; productive and early.

Gregg. One of the most valuable and abundant; large; good quality; vigorous.

Kansas. Very large; firm, and of excellent quality.

Blackberries

Doz. 75c., 100 \$6.00; extra size, doz. \$1.50, 100 \$10.00.

Agawam. Medium size; jet black and sweet; fine, early variety.

Eldorado. Medium size; jet black; sweet and rich; hardy and very productive.

Erie. Large and of good quality; early.

Lawton. Large, oval, black; sweet; excellent; an old favorite.

Snyder. Medium size; sweet and melting; very hardy and enormously productive.

Wilson Junior. Immense clusters; ripens evenly; becomes sweet as soon as black; hardy; ripens early in July.

Wineberries

List and prices on application.

Dewberries

Lucretia. A trailing variety of the Blackberry; ripens between the Raspberry and the Blackberry; fruit large and handsome. Doz. \$1.00, 100 \$8.00.

Logan Raspberry-Blackberry. Fruit same size as large Blackberry; same form and shape; color dark bright red; mild, pleasant flavor; excellent for table and canning. Each 25c., doz. \$2.50, 100 \$15.00.

Pot-Grown Strawberry Plants

Pot-grown plants set out this Summer will produce a full crop of fruit next June. We will have these plants ready on and after the latter part of July, and they can be supplied as late as October. It is better, however, to procure the plants in August or September, as earlier plantings develop larger and more vigorous plants, and will produce a greater crop of fruit next year.

The varieties we handle are selected from experience of many years. List and prices on application. Orders will be delivered one week after we receive them, as we do not carry Strawberry plants in stock at our store. Orders are filled direct at the nursery.

No plants, shrubs or any other nursery stock will be delivered C. O. D., unless remittance of 50 per cent. be made on account, to guarantee acceptance.

"PENNSYLVANIA" QUALITY MOWERS

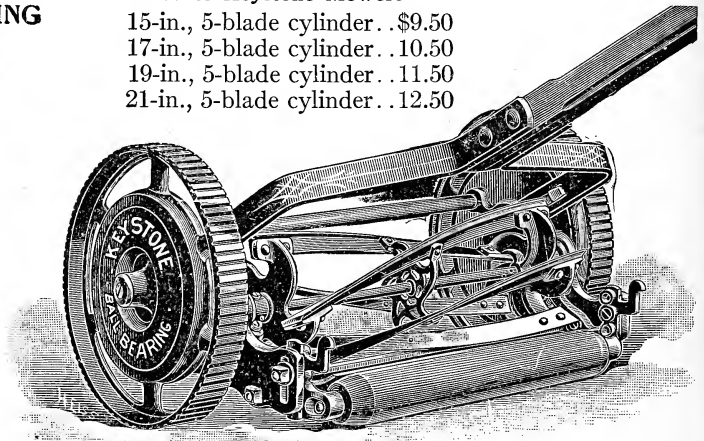


THE KEYSTONE BALL-BEARING LAWN MOWER

This mower will last indefinitely, as the materials used in the making of it are the best money can buy. The revolving blades are made out of old-fashioned crucible steel; the same kind that is used for drills, drawing knives, hatchets and other tools requiring a keen edge and are oil-tempered. It is absolutely self-sharpening and actual tests have shown that in ordinary use the Keystone mower has run ten or a dozen years without going to the shop for re-sharpening. For ease of operation and long life, Keystone Mowers have no equal. They are adjusted with the accuracy of a bicycle, making them the easiest running of all mowers.

Price of Keystone Mowers

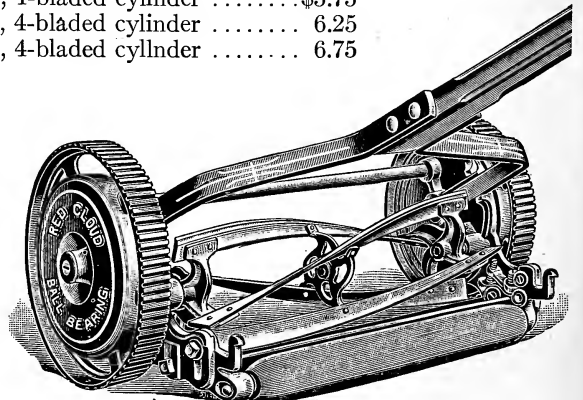
15-in., 5-blade cylinder ..	\$9.50
17-in., 5-blade cylinder ..	10.50
19-in., 5-blade cylinder ..	11.50
21-in., 5-blade cylinder ..	12.50



RED CLOUD (Ball-Bearing)

For a popular price mower this cannot be beaten. First class in every respect, material, workmanship, finish, durability, etc. Knives are made out of crucible steel, oil tempered and hardened.

14-in., 4-bladed cylinder	\$5.75
16-in., 4-bladed cylinder	6.25
18-in., 4-bladed cylinder	6.75



GLADIATOR

(Ball-Bearing)

This is one of the best mowers on the market, at the price asked for same. Made out of first class material in every respect. Has hardened bearings of the best quality. Nicely finished, strong and durable.

14 in., 4 bladed cylinder	\$4.50
16 in., 4 bladed cylinder	4.75
18 in., 4 bladed cylinder	5.00

Pennsylvania
Undercut
B. B.
Trimmer

Will cut with-
in 1/4 inch of
any obstruc-
tion. Perfect-
ly balanced.
Blades are
Penna. quality.

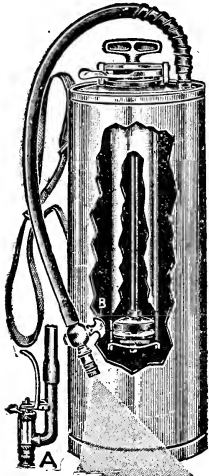


Easy running

Price \$10.00

SPRAYERS, ETC.

AUTO-SPRAY NO. 1



Auto-Spray No. 1

The standard compressed air sprayer.

Capacity about 4 gallons.

Practical for every variety of spraying. For trees, vines, potatoes, tobacco, and all field crops. Also for handling disinfectants and whitewash in the poultry house.

The Auto-Spray No. 1 is guaranteed against defect and to be satisfactory.

Made with either heavy brass or galvanized steel tank. Brass pump, 2-in. diameter. The pump is locked air-tight to the

tank by means of a sliding cam. No screw connections to wear out or leak. Two or three pumpings will empty the tank. After pumping, all the operator has to do is to direct the spray.

Tank construction is the strongest known. The seams are locked, soldered and riveted.

Each machine equipped with 2 ft. $\frac{1}{2}$ -in. hose, fine spray nozzle, solid stream cap, and either stop cock "B," or automatic shut off "A," as ordered.

AUTO-POP NO. 1-"A." Automatic and leakless shut-off.

Great labor and solution saver. Draws a cleaning wire through the nozzle at each operation.



In the Potato Field

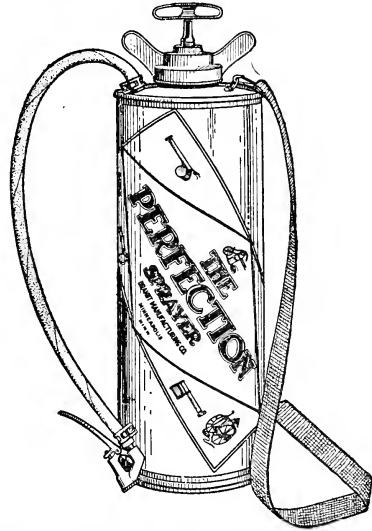
2-ft. Brass Extension

Net cash prices.

Auto-Spray No. 1-A, brass tank with stop cock	\$6.75
Auto-Spray No. 1-B, brass tank with auto-pop	7.65
Auto-Spray No. 1-C, galv. tank with stop cock	4.50
Auto-Spray No. 1-D, galv. tank with auto-pop	5.40
Brass Extension, 2 ft.	.45
Brass Elbow	.27
Brass Strainer	.90
Shipping weight each machine in a box, 15 lbs.	

See Page 103

**FOR INSECTICIDES AND
SPRAYING MATERIALS**



"PERFECTION" SPRAYER

Built on the best lines, of high-grade material and with the idea of turning out a sprayer which has none of the faults and defects so common in many Knapsack sprayers heretofore on the market.

The tanks are made of heavier metal than has ever been used in sprayers of this kind, are lock seamed at the corners to convex heads of metal two gauges heavier than the sides, a single seam runs lengthwise of the tank. This seam is reinforced by rivets making the tank practically unbreakable. The pump is $1\frac{3}{4}$ -inch seamless brass tubing with a brass valve, and is sealed into the top of the tank with heavy threads following the construction used in the best makes of fire extinguishers. The pump rod is 5-16-in. and is fitted with anhydrous leather and our special metal expanders.

The hose is attached to the Sprayer at an angle so that it will not kink and become cracked and broken. The shoulder strap is attached with snaps and can be quickly and easily removed. The hose is $\frac{3}{8}$ -inch 5-ply cloth inserted and is equipped with our automatic shut-off nozzle.

This Sprayer will handle Whitewash, Water Paints, Bordeaux Mixture, etc., perfectly.

For whitewash and all heavy mixtures it is necessary to use a "W. W." Cap in nozzle, which is furnished with Sprayers.

These Sprayers are made in galvanized steel or brass as ordered. Weight, 9 pounds empty. All Sprayers tested to 60 pounds before leaving factory.

Galvanized Steel	\$5.00
All Brass	7.00

PERFECTION NOZZLE EXTENSION

Two feet long, used on Perfection Nozzle only. For spraying young trees, or whitewashing chicken houses, barns, etc. Price, 60c. Net Price

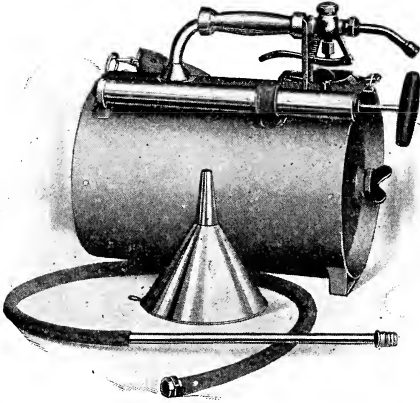
Bordeaux Nozzle, Brass	\$0.75
Demorel Nozzle, Brass	.75
Non-Clog Atomic Nozzle, Brass	1.05
Non-Clog Atomic Nozzle, Aluminum	1.25

Post prepaid, in special mailing box.

THE LOWELL COMPRESSED AIR SPRAYER

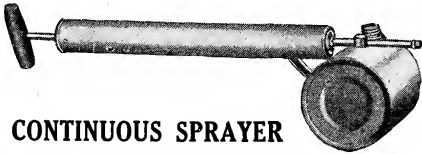
This Sprayer is well adapted for the fruit grower, stockman, poultryman, florist, etc. The air compressor or pump has a brass cylinder $1\frac{5}{8}$ in. in diameter, which is placed outside of the pump and is detachable. It screws into a cast brass seat which contains a $\frac{1}{2}$ -in. ball check-valve, also detachable.

It is the strongest small tank Sprayer ever made, being constructed of heavy sheet brass or galvanized steel. No other Sprayer will stand half the pressure.



Every Sprayer when completely assembled is tested by air to 60 lbs. to the square inch, while the pressure in service never exceeds 35 lbs.; therefore, no safety valve or indicator is needed with the Lowell.

The heads are convex and are formed on a true circle so that the air resistance is the same at all points. It is impossible to blow them out. These Sprayers are made in one size only. Complete, ready for use. Brass \$6.50 each, galvanized steel \$5.00 each.



CONTINUOUS SPRAYER

As the name implies, is so constructed that it not only sprays on the downward stroke of the plunger, but also when it is drawn back, thus causing a continuous mist-like spray.

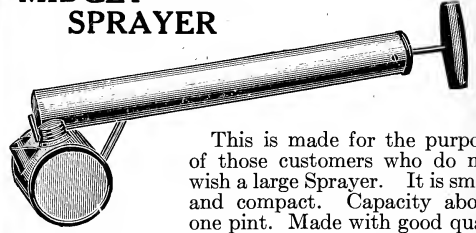
Solution tank is made from heavy IX tin and is so constructed that the Sprayer will not tip over when filling. Capacity one quart. Each 75c.



SPECIAL SPRAYER

Is a single tube tin Sprayer. The pump cylinder measures $14\frac{1}{2}$ in. in length by $1\frac{3}{4}$ in. in diameter. The special arrangement of the spraying tube is such that thoroughly breaks up or atomizes all oils and solutions into a fine mist-like spray, which penetrates all cracks and crevices. This Sprayer is adapted for all kinds of general spraying and is used very extensively for spraying disinfectants, etc. Each 50c.

"MIDGET" SPRAYER

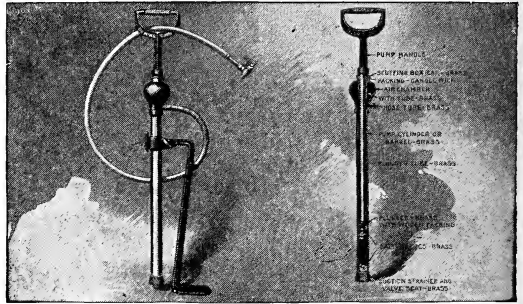


This is made for the purpose of those customers who do not wish a large Sprayer. It is small and compact. Capacity about one pint. Made with good quality tin. Each 35c.

THE "SUCCESS" BUCKET SPRAYER

The "Success" Spray Pump, by its truly excellent qualities, is a success, in fact as well as in name. "Nothing succeeds like success." For the garden, greenhouse and small orchard this pump is indispensable. It is very useful for washing windows and buggies and putting out fires, as well as for white-washing poultry houses.

The "Success" Pump has become one of the most popular articles in the shelf-hardware trade, where it is also a success in drawing and holding customers. Let a neighbor of the owner of a "Success" Spray Pump see him using it and he also is sure to want one. Price \$3.75.



Specifications

Pump.—Working parts and cylinder are brass, as shown on sectional engraving above, and as described on preceding page.

Air Chamber.—Is the globe-shaped enlargement at top of cylinder and is of cast brass. It causes ease of motion and discharge of a steady stream.

Agitator.—The Dash-Disc Agitator is attachable to "Success" Pumps and is furnished ready to attach at extra cost, as below.

Hose and Nozzle.—The Bordeaux Spray Nozzle is furnished with the "Success" Bucket Pump, also a 3-foot section of $\frac{3}{8}$ -inch hose.

Foot Rest.—Is clamped to the cylinder and is 15 inches long, this being sufficient for using with any tall bucket—even a tobacco bucket.

Shipping Weight.—When crated ready for sending out is about 10 pounds. The Pump is put up in a neat strawboard box. Price, \$3.75.

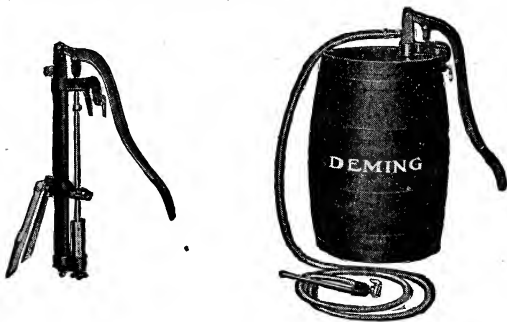
No. 190 HORIZONTAL BARREL SPRAYER

For small orchard or garden, for the man who cannot afford nor find use for the combination potato and orchard machine or the big power sprayer equipments.

Used in any wagon or cart—or on a sled—one horse is enough. Being mounted in a horizontal position on a platform or a skid and held by same style adjustable hoops as on regular wood tank, this outfit is not easily overturned, whether empty or filled.

Pump is outside, the convenient and natural way; saves the pump from corrosion and is easy to get at and more pleasant to handle. 100 to 125 pounds pressure with easy movement of the handle. Hemp packing only—leather wears and hardens and is useless for this purpose. Has bronze ball valves only. Each Sprayer has double hose couplings, so that either one or two leads of hose can be used.

Price, with one lead, 15 ft. $\frac{1}{2}$ -inch discharge hose, one nozzle and strainer, **\$23.50.**



THE "CAPTAIN" BARREL SPRAYER

The "Captain" is the most popular and the best low-price Barrel Sprayer ever sold for orchard use. It is a splendid pump for the average farmer who has either a young or old family orchard that needs to be sprayed. The compactness, adjustability, efficiency and durability of the pump commend it to dealers and users alike. *The barrel is not furnished.*

Specifications

Pump.—Has $1\frac{3}{4}$ -inch brass tube cylinder with brass plunger, brass ball valves, seat and cage, and our special fabric packing. The air chamber is ample in capacity, made of $2\frac{1}{4}$ -inch boiler tubing. Clamps on chime of barrel, anchors at bottom.

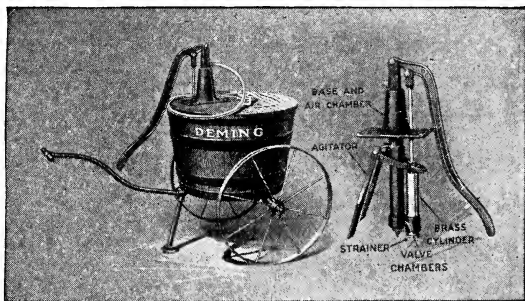
Agitator.—Twin paddle type—simple and effective for stirring liquid.

Cylinder and Valves.—Are brass, as described under head of "Pump," are durable and will not corrode. The submerged cylinder is always primed.

Fittings.—Gauze strainer prevents sediment from lodging on valve seats. The discharge connection is fitted for one section of $\frac{1}{2}$ -inch hose.

Shipping Weight.—Pump only is about 40 pounds.

Price, Pump only, **\$7.00.** Price with barrel, **\$10.50.** $12\frac{1}{2}$ ft. $\frac{1}{2}$ -inch hose couplings, pole holder and nozzle (Demorel).



THE "GARDENER'S CHOICE" SPRAYER

This is one of the most convenient spraying outfits for general use. As an all-round utility Sprayer it cannot be beaten. It is particularly adapted for both the garden and greenhouse, also for orchard use, as well as for spraying livestock in the barn and livery stable. It is a splendid whitewashing outfit, as the pump is strong and durable and has a good agitator. Price **\$13.00.**

Specifications

Pump.—Has $1\frac{3}{4}$ inch brass cylinder, brass ball valves with brass seat and cage, brass plunger and our special plunger packing. The leverage is six to one; can be worked against pressure of 125 pounds. The air chamber is ample, the base adding considerably to the capacity of the pipe air chamber.

Agitator.—Twin paddle type, simple and effective; stirs the liquid thoroughly.

Tank and Cart.—Twenty-four-gallon wood tank with steel hoops and hinged wood top. Leg, tongue and handle of wrought pipe. Metal wheels, diameter 24 inches, with staggered spokes and 2-inch tires. Strong iron axles. Hub-to-hub measurement 33 inches. Height to top of tank 30 inches. Height to top of pump 42 inches.

Hose and Nozzle.—Six feet of $\frac{1}{2}$ -inch discharge hose and our incomparable Bordeaux nozzle are furnished. See list below for extra section of hose.

Shipping Weight.—Including cart, when crated, is about 120 pounds.

Price, **\$13.00.**

Best quality $\frac{1}{2}$ -inch Spraying Hose with couplings furnished in any length at 18c. per ft.

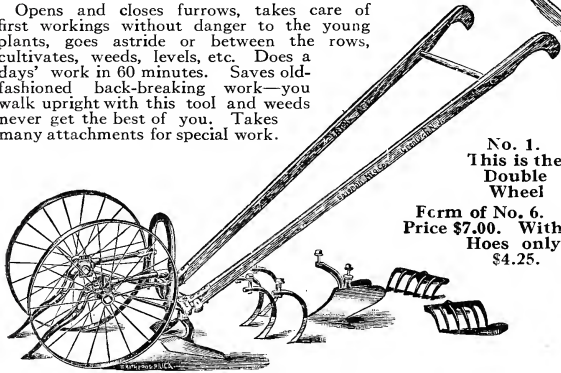
IRON AGE No. 191 VERTICAL BARREL SPRAYER PUMP

Sold without barrel—this simplifies the shipping (in most cases), lessens the freight and takes up less room for storage. It can be fastened to any barrel. Can be used in a bucket if necessary. The pump is outside, nothing inside but the suction pipe and automatic dasher which keeps the solution disturbed. Pump is easily gotten at—is not covered with slime, and solutions cannot corrode it. Handles any kind of solutions, hot or cold, without any damage to the pump. No leather packing is used—regular hemp packing only. Price, with one lead, 15 ft. $\frac{1}{2}$ -inch discharge hose, one nozzle and strainer, **\$18.50.**

IRON AGE FARM AND GARDEN IMPLEMENTS

No. 1 Double and Single Wheel Hoe

Opens and closes furrows, takes care of first workings without danger to the young plants, goes astride or between the rows, cultivates, weeds, levels, etc. Does a days' work in 60 minutes. Saves old-fashioned back-breaking work—you walk upright with this tool and weeds never get the best of you. Takes many attachments for special work.



No. 1.
This is the
Double
Wheel
Form of No. 6.
Price \$7.00. With
Hoes only
\$4.25.

The No. 9 "Iron Age" Single Wheel Hoe Cultivator, Plow and Rake

Price complete \$5.25
Price No. 10 Plain (Hoes only) \$3.25

For the small kitchen garden we consider the single hoe as being preferable. With the single wheel tool spaces of exceedingly narrow width can be worked, even using but one cultivator tooth. With the large plow attachment deep furrows can be opened or closed; potatoes, celery and other crops hilled.



No. 6 Combined Double and Single Wheel Hoe Hill and Drill Seeder

No. 6
Combined
Price \$12.00.
Drill only
\$9.00.

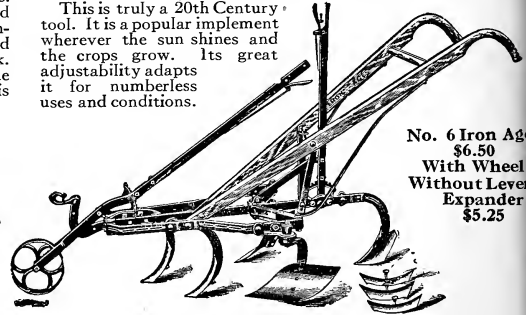
Sows seed in continuous rows or drops in hills at 4, 6, 8, 12 or 24 inches apart. Lever makes quick change. Opens its own furrow, covers it and packs the soil. Has accurate feed, without injury to the seed. Latter is dropped in plain sight—no guess work. The high wheel runs easy. The Wheel Hoe form of this tool is No. 1, shown above.



No. 6 "Iron Age" Horse Hoe and Cultivator

Price as in cut \$6.50
With Plain Wheel and Without Lever Expander, Price \$5.25

This is truly a 20th Century tool. It is a popular implement wherever the sun shines and the crops grow. Its great adjustability adapts it for numberless uses and conditions.

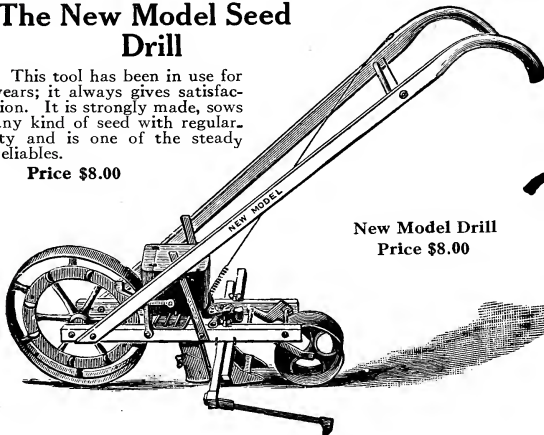


No. 6 Iron Age
\$6.50
With Wheel
Without Lever
Expander
\$5.25

The New Model Seed Drill

This tool has been in use for years; it always gives satisfaction. It is strongly made, sows any kind of seed with regularity and is one of the steady reliables.

Price \$8.00

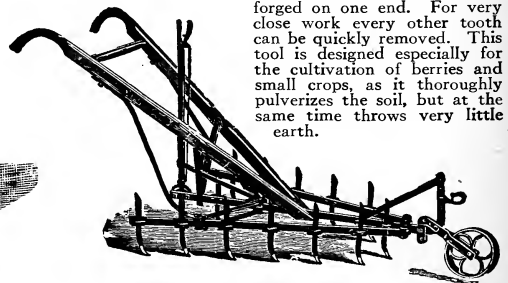


New Model Drill
Price \$8.00

No. 1 "Iron Age" Combined Harrow and Cultivator

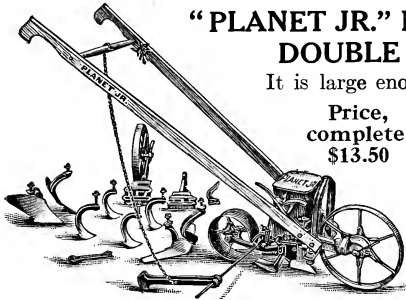
Price as in cut \$5.25
Price, Plain Harrow (Without Lever or Wheel) \$4.00

Its teeth are diamond shape, with a small cultivator tooth forged on one end. For very close work every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil, but at the same time throws very little earth.



"PLANET JR." FARM AND GARDEN TOOLS

"PLANET JR." NO. 25 COMBINED HILL AND DRILL SEEDER, DOUBLE WHEEL HOE, CULTIVATOR AND PLOW



Price,
complete,
\$13.50

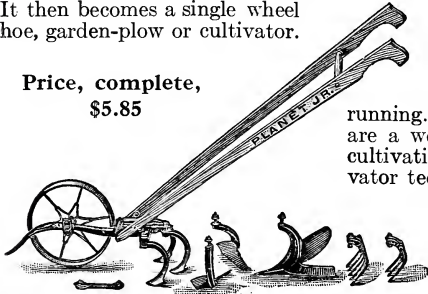
It is large enough for field use, for it holds $2\frac{1}{2}$ quarts. As a drill it is almost identical with the No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart and has the same automatic device for throwing out of gear and the new combined cut-off and seed index with thumb screw adjustment. Accurate in sowing all kinds of garden seed in either hills or drills. As a Wheel Hoe it is identical with the No. 12 Double Wheel Hoe. The change from drill to wheel hoe takes but a moment.

Price, complete,
\$11.00
As a Seeder only
\$9.00

"PLANET JR." NO. 4 COMBINED SEED DRILL, SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Combines in a single convenient implement a hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator.

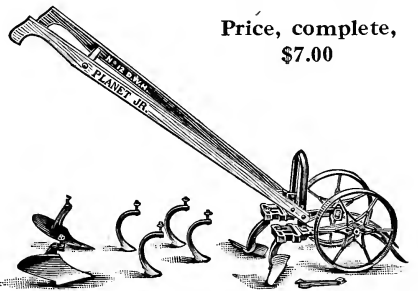
Price, complete,
\$5.85



"PLANET JR." NO. 16 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW

This single wheel hoe has a very full set of tools. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all steel patent cultivator teeth; also a set of two rakes. A practical leaf-guard holds up the plants, while thorough work is being done underneath; the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.

Price, complete,
\$7.00



"PLANET JR." NO. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW

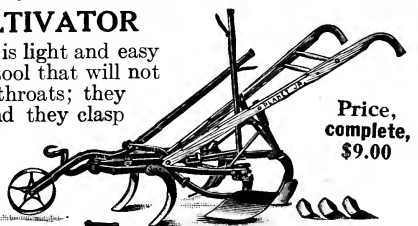
Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The quick change frame permits the tools to be changed without removing the nuts. All the blades are of tempered and polished steel.

Price, complete, \$9.00
Less pulv. \$7.40
Less pulv. and wh.
\$6.70



"PLANET JR." 12-TOOTH HARROW, CULTIVATOR AND PULVERIZER

A high frame and chisel-shape teeth. The Foot Lever Pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches and expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them.



Price,
complete,
\$9.00

"PLANET JR." NO. 8 HORSE HOE AND CULTIVATOR

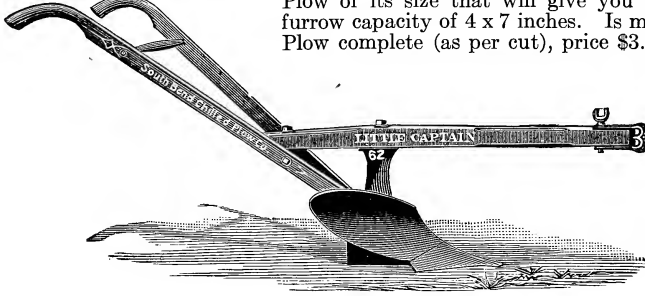
It is so strongly built to as withstand incredible strain, yet it is light and easy to handle. The frame is extra long and extra high, making a tool that will not clog easily. The Stiff Steel Standards are hollow with round throats; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. The depth is under perfect control by a new lever wheel and patent depth regulator, moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. Without Depth Regulator, order as No. 7. Price, \$8.50.

SOUTH BEND CHILLED PLOWS

In addition to the South Bend Plows, an assortment of which we always carry in stock as listed below, we can supply at short notice Plows of any make, to meet the requirements of our customers.

"LITTLE CAPTAIN" PLOW NO. 62

No. 62 is one of the finest Plows of its capacity on the market today. The moldboard, landside and share are removable, being separate from the standard. It is constructed much like all the South Bend Chilled Plows. This Plow is sold at a very reasonable price and we are sure you cannot buy any other Plow of its size that will give you the satisfaction that this will. Has a furrow capacity of 4 x 7 inches. Is made in right hand and wood beam only. Plow complete (as per cut), price \$3.50.



NO. 1-B, ONE-HORSE PLOW

This is larger than the No. 62 and is one of the most desirable one-horse plows on the market. For garden work it cannot be surpassed. Has a furrow capacity of 5½ x 9 inches. Price, including clevis, wrench and extra share, \$5.50.

NO. 2, SOUTH BEND PLOW

This Plow is designed for one heavy horse or two light horses. This Plow is in big demand all over the country, being used in nurseries, gardens, etc. Has a furrow capacity of 6 x 10 inches. Can be fitted with jointer and level wheel if desired.

Customers who require a plow of this capacity will derive entire satisfaction with this number. Price (as per cut) \$8.00.



NO. 3-F, SOUTH BEND PLOW

This is one of the most desirable two-horse plows on the market. Strongly built, yet light enough for two horses to draw easily. Furrow capacity 6½ x 12 inches. Also furnished with steel beam. Price, including jointer and gauge wheel, wood beam, \$13.50; steel beam, \$14.25.

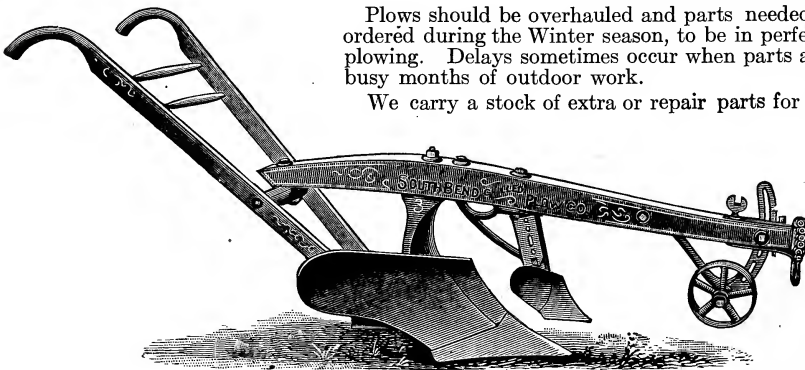
NO. 4-F, SOUTH BEND PLOW

This is similar to the No. 3-F but somewhat heavier. This will fill the requirements for a heavy two-horse plow or a light three-horse plow. Furrow capacity 7 x 13 inches. Price, including jointer and gauge wheel, wood beam, \$13.50; steel beam, \$14.75.

PLOW PARTS

Plows should be overhauled and parts needed for repair should be ordered during the Winter season, to be in perfect order for the Spring plowing. Delays sometimes occur when parts are needed during the busy months of outdoor work.

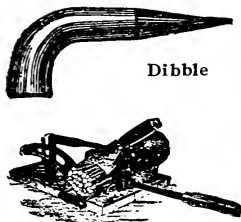
We carry a stock of extra or repair parts for the following makes of Plows, and can supply those of any other Plows on the market:



OLIVER
SYRACUSE
SOUTH BEND
WIARD
HAMBURG
BOSS

TOOLS AND IMPLEMENTS

For the Lawn, Garden, Farm, Etc.



Asparagus Buncher



Hose Nozzle



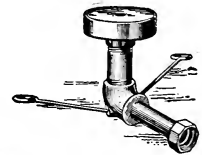
Fruit Picker



Hotbed Mats



Asparagus Knife



Lawn Sprinkler

ASPARAGUS BUNCHERS. Each
Standard Pattern. Self-locking catch, easily released.....\$2.00

ASPARAGUS KNIVES.
French Pattern. Notched cutting edge..... .35
American Pattern. Straight cutting edge... .35

CELERY TAPE.
1000-yd. spools, fast red color..... 2.00

CELERY TWINE.
Best Italian. Per lb. 28c.

CORN HOOKS.
Plain Edge..... .25
Serrated Edge..... .35

CORN KNIVES.
Eureka. Strong and durable..... .50

DIBBLES.
Wood Handle. Brass point..... .75
Wood Handle. Iron point. Large size..... .40
Wood Handle. Iron point. Small size..... .30

FORKS.
Long Handle. Light weight, 4 tine manure.. .75
Long Handle. 2 tine, grain..... .75
Long Handle. 3 tine, hay..... .85
Short Handle, D. Heavy weight, 4 tine, manure..... 1.10
Short Handle, D. Heavy weight, 5 tine, manure..... 1.35
Short Handle, D. Heavy weight, 4 tine spading..... 1.10
Short Handle, D. Heavy weight, 5 tine, spading..... 1.35

FRUIT PICKERS.
Wire. Galvanized..... .35

GARDEN LINES.
Extra Strong. Braided, coils of 100 feet.... .50

GARDEN LINE REELS.
Large Size. Extra strong..... .85
Columbia. New..... 1.00

GLAZING POINTS.
Van Reyper's Perfection No. 2, Per 1000 .65

GRASS HOOKS.
American Style. Blades can be taken off for grinding..... .25
English. Riveted back..... .35
"Little Giant." Blade tempered steel.... .50

HOSE, RUBBER.
Planter's High Grade. 5-ply, 50 ft. lengths, coupled at both ends..... 6.00
Yankee. One of the best brands of hose on the market. Quality of the finest. Will last indefinitely. Sold by the foot, 20c. per foot, couplings extra.

HOSE CLAMPS.
Galvanized. Adjustable.....Doz. 50c. .05

HOSE COUPLINGS.
Brass. For 3/4-in. hose.....Doz. \$1.50 .15

HOSE MENDERS. Each
Cooper's Patent. 3/4 in.....Doz. \$1.00 \$0.10
Cooper's Patent. 1 in.....Doz. \$1.50 .15

HOSE NOZZLES.
"The Gem." Graduating spray, or solid stream..... .50
Solid Stream. With stop cock..... .50
Florist's Solid Brass. 3-in. face..... 1.00

HOSE WASHERS.
Rubber. 3/4 in., per dozen10

HOSE REELS.
All Iron..... 2.75

HOES, DRAW, or FIELD.
Standard Pattern. 4 in. 40c., 5 in. 40c., 6 in. 50c., 7 in. 50c.; 8 in.50
Warren Heart Shaped. 6 in. 65c.; 7 in.75
Culto Hoe. 2 prong 50c.; 3 prong..... .65
Celery. Triangle shaped, short handle..... .30
English Push, or Scuffle. 4 in. 40c., 5 in. 50c., 6 in. 60c., 7 in. 70c., 8 in. 80c., 9 in. 90c., 10 in. \$1.00, 12 in. \$1.20. Not handled. Handles to fit same, 6 ft. long..... .30

HOTBED MATS.
Size 76 x 76 inches. Burlap on both sides. Doz. \$15.00, each \$1.50.

HUSKING PINS.
All Metal. Adjustable to fit the hand..... .15

JUTE.
2 ply, 104 ends, 17c. per lb.; reels of 50 lbs. at 15c. per lb.

LABELS, WOOD. Unpainted.
Pot. 4 in., per 1000, 60c., 5 in. 80c., 6 in. \$1.00; any of these sizes per 100 10c.
Garden. 8 in., per 100, 40c.; 10 in., per 100, 60c., 12 in., per 100, 75c.
Tree. Copper wired, per 100 20c., per 1000 \$1.50.

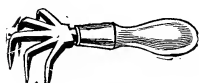
LAWN EDGER.
Planet, Jr. One of the finest tools originated for trimming lawn edges. Very handy. Each \$6.25.

LAWN ROLLERS.
Keystone. One of the best rollers made. We carry the following sizes in stock: Each
No. 301, weight 150 lbs.....\$7.60
No. 304, weight 250 lbs.....12.40
No. 307, weight 300 lbs.....14.80

Dunham. Water or sand ballast. Can be made any desired weight from 250 to 750 lbs 13.60
No. 407, weight 300 lbs., ball-bearing.....14.75

LAWN SPRINKLERS.
"Shower" Sprayers. The best lawn sprayer on the market. No. 3..... 2.00
Water Witch. On base..... 1.00
Three-Armed. 12 in. high..... 1.25

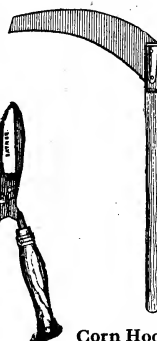
MOLE TRAPS.
Reddick's. The best trap on the market. Easily set, sure catch..... 1.00



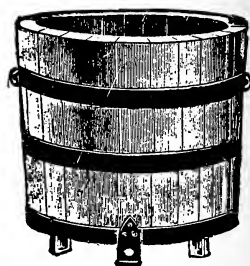
Excelsior Weeder



Ordinary Trowel



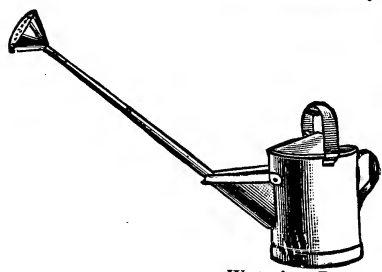
Corn Hook



Plant Tub



Lawn Shears



Watering Pot



Pruning Shears



Hedge Shears

TOOLS AND IMPLEMENTS—Continued

PICKS.

Railroad style, plain, 75c., handled..... Each \$1.00

POTATO HOOKS.

Long Handle. 4 prong, flat tine..... .50

POWDER BELLAWS, Woodason's.

Small Size..... 1.25

Large Size..... 2.00

PLANT STAKES.

Hard Wood. Painted green, tops white.

	Each	Doz.	Each	Doz.
2 ft.	\$0.05	\$0.50	3 ft.	\$0.07
4 ft. ....	.09	1.00	5 ft. ....	.11
6 ft. ....	.14	1.40		1.20

PLANT SUPPORTS.

Igoe Bros. Wire. Per doz. \$1.50.

PRUNERS.

Waters' Patent Tree. 6 ft. 60c., 8 ft. 80c.,
10 ft. \$1.00, 12 ft. 1.20

RAFFIA.

Natural Colored. For tying. Per lb. 20c.,
per 100 lbs. \$15.00.

RAKES.

Steel Garden. 12 teeth 50c., 14 teeth 55c.,
16 teeth 65c., 18 teeth..... .75
Wire, Lawn. 20 teeth..... .50
Wood, Auto or Self Cleaning..... .75
Wood, Hay. 10 teeth..... .35
Wood, Garden. 12 teeth..... .40
Wood, Lawn. 24 teeth..... .50

RUBBER PLANT SPRINKLERS.

Straight Neck. 8 oz..... .90
Curved Neck. 10 oz..... 1.00

SAWS, PRUNING.

Double Edge. 20-in. blade..... 1.00
Single Edge. 20-in. blade..... .75
Single Edge. Bow shaped..... .75
Little Giant. With pruner, plain..... 1.75

SCYTHES.

American Style. Tempered steel..... 1.00
English Style. Riveted back..... 1.25
Bush, Little Giant..... .75

SCYTHE STONES.

Talacre..... .15
Pressed Emery..... .10

SCYTHE SNATHS.

Patent Key Arrangement..... .75

SHEARS.

Border. Without wheel, 8 in. \$2.00, 9 in.
\$2.35, 10 in. 2.75
Border. With wheel, 8 in. \$2.35, 9 in. \$2.75,
10 in. 3.00
Hedge. 8 in. \$1.15, 9 in. \$1.40, 10 in. 1.65
Hedge. With notch, 25c. extra for each size
above listed.
Lawn. Without wheel, 8 in. \$2.00, 10 in. 2.50
Lawn. With wheel, 8 in. \$2.50, 10 in. 3.00
Lopping. Ordinary..... .60

SHEARS—Continued.

Malleable. Iron handle, steel blade..... \$0.35
All Steel. California pattern..... .50
Pruning. Solid steel throughout..... 1.25
Sheep or Grass. Best, solid steel, polished.. .75
Sheep or Grass. Ordinary..... .50

SHOVELS.

Long Handle. Steel pointed..... .75
Short Handle D. Steel pointed..... .75
Short Handle D. Steel square, 75c., \$1.00 and 1.10

SOD, OR TURF EDGERS.

English Solid Steel. No handle..... 1.50
Half Moon..... .50

SPADES.

Long Handle. Steel..... .75
Short Handle D. Steel..... 75c. and 1.00
Short Handle D. Steel socket..... 1.35

THERMOMETERS.

Hot Bed. Best grade..... 1.75
Hot Bed. Good quality..... 1.25

TUBS. Wood Plant, New York Style.

	Top Diameter	Bottom Diameter	Depth	Finished	Each
No. 1	12 in.	9 3/4 in.	10 5/8 in.	.....	\$1.15
No. 2	13 in.	10 3/4 in.	12 3/4 in.	.....	1.50
No. 3	14 1/2 in.	14 3/4 in.	14 3/4 in.	.....	1.85
No. 3 1/2	16 1/2 in.	15 3/4 in.	15 3/4 in.	.....	2.45
No. 4	19 7-16 in.	16 3/4 in.	16 3/4 in.	.....	2.65
No. 5	22 7-16 in.	18 1/2 in.	18 1/2 in.	.....	3.45

TREE SCRAPERS.

Triangle Shaped. Short handle..... .50

TROWELS.

Best Solid Steel. Socket handle..... .50
English Pattern. Solid shank..... .40
English Pattern. Concave shank..... .25
English Pattern. Concave shank..... .15
Transplanting. Concave shank..... .15
Ordinary Trowel. Concave shank..... .10

VEGETABLE SCOOP, Wire.

Best Quality..... 1.50

WATERING POTS.

Galvanized Iron. Strong and durable. 8 qt.
55c., 16 qt.85
French or Oval-shaped. 6 qt. \$2.25, 8 qt.
\$2.50, 10 qt. \$2.75; 12 qt. 3.00

WEEDERS.

Eureka. 3 prong, steel, short handle..... .25
Eureka. 3 prong, steel, long handle.35
Excelsior. 5 prong, iron, short handle..... .10
Hazeltine. Steel blade, short handle.25
Lightning. Made out of steel wire, adjust-
able; one of the best weeders on the market.
Long Handle Style..... .50
Short Handle Style..... .25
Mahler's Handy Gardener. New..... .75
WEED CUTTER, or Thistle Digger..... .50
WHEELBARROWS, with expanding sides..... 6.00

INSECTICIDES AND FUNGICIDES

APHINE. This is a powerful insecticide but does not affect the most tender plants, fruits or vegetables. It is a combination of ethereal oils and nicotine in soluble form, which is easily diluted with water. It is applied as a spray or wash. It will exterminate green and black fly, thrips, slugs, mealy bug, red spider, ants, etc. $\frac{1}{2}$ pt. 40c., pt. 65c. qt. \$1.00.

APHIS PUNK. This is a tobacco paper saturated with nicotine and is used for fumigating greenhouses and conservatories. Box of 12 sheets, 60c.

ARSENATE OF LEAD. (Paste form.) A very efficient insecticide, rapidly displacing Paris Green. Can be used with safety, as it does not harm plants with the most tender foliage. Adheres to the foliage quite some time, which eliminates spraying so frequently. 1-lb. jar 25c., 5-lb. pail \$1.00, 10 lbs. \$1.80.

BORDEAUX MIXTURE. (Paste form.) This is a very good preventive for blight and mildew: also blackrot, scab, and other fungoid diseases. Pt. cans 25c., qts. 40c., gal. \$1.00.

FIR TREE OIL SOAP. A popular insecticide for house and conservatory plants. Put up in soap form, which is easily dissolved in hot water. Apply when solution has become cool. $\frac{1}{2}$ -lb. cake 25c., 2-lb. cake 75c.

HELLEBORE. This is a very popular insecticide for killing currant worms, rose slugs, etc. It is safer to use than Paris Green, especially when fruit is nearly ripened. $\frac{1}{4}$ lb. 10c., $\frac{1}{2}$ lb. 15c., lb. 25c.

KEROSENE EMULSION. For cabbage worms, caterpillars melon lice, scale on plants, etc. Qt. can 40c., gal. \$1.00.

LAWN COMPOUND. (Sterlingworth brand.) Kills weeds but not the grass. Makes lawns green and velvety. It absolutely kills dandelion, plantain, chickweed, crab grass, and all weeds with hairy surfaces or broad leaves. It is a dry sandy powder to be applied by sprinkling over the grass. It kills these weeds but improves the grass. One pound will dress 100 to 200 square feet, depending on the condition of the lawn. Full directions on each package. 5-lb. can 60c., 10 lbs. \$1.00.



LEMON OIL COMPANY'S STANDARD INSECTICIDE. This has become one of the most popular articles for greenhouse or conservatory spraying. Has a very agreeable odor. Kills thrips, black and green fly, mealy bug, red spider, blight, etc. $\frac{1}{2}$ pt. 25c., pt. 40c., qt. 75c.

LIME SULPHUR SOLUTION. A very efficient insecticide for San Jose scale. Must be applied before the buds break in the Spring or after the foliage has dropped in the Fall. Qt. can 40c., gal. can \$1.00.

NIKOTEEEN. A very powerful insecticide, one pint of this liquid representing the efficiency of 200 pounds of Tobacco stems. Used extensively by florists for spraying in greenhouses. Also used for vaporizing. Pt. bot. \$1.50.

NICOTICIDE. An extract of tobacco used in fumigation. The required quantity is placed in a tin dish and evaporated by a spirit lamp, placed underneath. An effectual remedy for insects in the greenhouse, window garden or frames. Price, 4-oz. can 70c., $\frac{1}{2}$ pt. \$1.25, pt. \$2.50, qt. \$4.50, $\frac{1}{2}$ gal. \$8.25, gal. \$15.00.

PARIS GREEN. One of the best exterminators for potato bugs and caterpillars. Can be applied as a powder or diluted in water, which is the most economical way of using. Applied as a powder, mix 1 part of Paris Green to 100 parts of flour. In solution, $\frac{1}{2}$ lb. to 100 or 150 parts of water. 1-lb. pkg. 35c., 5-lb. pkg. \$1.75.

SCALECIDE. Soluble Crude Oil. Used for the destruction of the San Jose scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Qt. 40c., gal. \$1.00, 5 gals. \$3.25, 10 gals. \$6.00, 30-gal. bbl. \$16.00, 30-gal. jacketed tin \$15.00, 50-gal. bbl. \$25.00.

SLUG SHOT. (Hammond's.) The most popular insecticide in this country. Very efficient on potato bugs, rose slugs, caterpillars, beetles, etc. It is non-poisonous to man or beast and safe to use. Ready for applying. Used as a dust, also can be diluted in water as a spray. Has been on the market for 30 years. 1-lb. carton 15c., 5-lb. pkg. 35c., 10 lbs. 60c., 25 lbs. \$1.25.

SULPHUR, POWDERED. Very effective against mildew. Lb. 10c., 10 lbs. 60c., 100 lbs. \$5.00.

TARGET BRAND SCALE DESTROYER. One of the best sprays for San Jose scale. It is a soluble oil which rapidly forms a solution in water and does not separate itself from the water as most other oils do. It is easily prepared and applied and does its work quickly and effectually. Endorsed and recommended by fruit growers everywhere. Qt. 35c., $\frac{1}{2}$ gal. 65c., gal. \$1.00, 5 gal. \$3.75.

TOBACCO DUST. The best of the Tobacco Dusts for dusting or fumigating. Lb. 10c., 5 lbs. 40c., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00.

TOBACCO STEMS. Used for fumigating and under benches in greenhouses. Bale of 100 lbs. \$1.50.

WEED KILLER. (Sterlingworth brand.) Used extensively on walks, drives, tennis courts, golf links, etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass, briars, burdock, dandelions, daisies, thistles, poison ivy and other objectionable vegetable growths. One application kills roots as well as foliage, preventing further growths. One gallon covers 3 to 4 square yards. Full directions on each package. One pound makes 10 to 15 gallons. Covers 30 to 40 square yards. Lb. 50c., 3 lbs. \$1.25, 5 lbs. \$2.00.

FISH OIL SOAP AND TOBACCO. (Sterlingworth brand.) This is a cheap and effective remedy for destroying San Jose scale, plant lice, and all sucking insects on plants, vines, etc. Contains all the virtues of Fish Oil Soap in addition to the valuable insecticide properties of Tobacco and Potash, making it doubly valuable. Directions for use on each package. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00.

IMPORTED SCOTCH SOFT COAL SOOT

Prevents insect ravages and also acts as a stimulating fertilizer. Used in onion drills, radish beds, cabbage grounds, etc., it checks the attacks of grubs, cutworms, etc. When scattered lightly, as a top-dressing around plants, it drives away insects that hide in the ground by day and lay their eggs near the roots. Supplied in 112-lb. bags only, price \$4.00.

HIGH GRADE RELIABLE FERTILIZERS

NOLL'S PERFECTION LAWN DRESSING (Odorless)

For best results it should be applied during the Spring and Fall months. The Spring application will help the grass recover its strength, which our Winters impair to a certain extent, while the Fall application will give it, after the hot weather spell, renewed strength to withstand the ravages of Winter. It is without odor, clean to handle and easily applied. We furnish it in quantities and at prices as follows: 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$11.25, ton (2000 lbs.) \$40.00. Apply at rate of 100 lbs. to 4000 sq. ft., broadcast.

NOLL'S COMPLETE GARDEN FERTILIZER

This brand is especially compounded for general use, such as garden vegetables, fruit trees, fruit vines, potatoes, etc. For general purposes it is unsurpassed. Will help your ground yield larger and better crops. Comes in dry powder form. Easily applied. Apply at the rate of 100 lbs. to 4000 square feet, broadcast. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$11.50, ton (2000 lbs.) \$45.00.

BONE MEAL (Pure Ground)

While not so quick in action as some fertilizers it is very lasting, being very beneficial. Bone Meal contains the essential requisites of nitrogen, as well as phosphoric acid, which are absolutely necessary in the soil for the high developing of plant life. Can be used for both outdoor plants and pot plants. When applying, mix thoroughly with the soil. Never let the bone meal come in contact with the roots of the plant. For pot plants use about a tablespoonful to a 6-inch pot of soil, smaller or larger sizes in proportion. Price, 5-lb. pkg. 25c., 10 lbs. 45c., 25 lbs. 85c., 50 lbs. \$1.50, 100 lbs. \$2.75, ton (2000 lbs.) \$42.00.

NITRATE OF SODA

This is a very beneficial article for promoting quick growth; will hasten the maturity of crops from one to two weeks. This is a very good fertilizer but must be used judiciously. Do not apply until the plants are above the ground. To apply make a trench about 4 in. deep and about the same distance from the plants or row and spread along in the trench. Use about 100 lbs. to the acre. The price of this article is subject to change. Sold in 5-lb. pkgs. 35c., 10 lbs. 60c., 25 lbs. \$1.25, 100 lbs. \$4.50, 200 lbs. \$8.00, ton (2000 lbs.) \$70.00.

NITRO-HUMUS

Prepared humus or vegetable mould is a great soil regenerator and plant food. Rich in nitrogen, moisture retaining, and odorless. Absolutely free from weed seeds. The very best material for top dressing lawns, and for indoor use in conservatories and in flower boxes and pots. 100-lb. bag \$1.00, ton (2000 lbs.) \$12.00; carload lots in bulk at \$10.00 per ton.

SHEEP MANURE

This has become a very popular article for fertilizing purposes. Fine for house plants, also outdoor plants. Acts quickly, makes plants vigorous and blooms richer in color. Can be applied by diluting in water or mixed with soil. The article we offer is as free from inert matter as is possible. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 90c., 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$11.25, ton (2000 lbs.) \$40.00.

CANADA UNLEACHED HARD-WOOD ASHES

Used as a top dressing for lawns and grass lands, also for fruits of all kinds. It is especially good for Strawberries, Peaches, Apples, etc. Can be mixed with even quantities of bone meal for fertilizing grass plots, etc. Apply about 1000 lbs. to the acre. 5 lbs. 25c., 10 lbs. 35c., 25 lbs. 60c., 50 lbs. \$1.00, 100 lbs. \$1.75, 500 lbs. \$7.50, ton (2000 lbs.) \$24.00.

STERLINGWORTH

Concentrated Plant Food Tablets

Makes plants grow and bloom luxuriantly and drives troublesome insects from the soil. Takes the place of liquid manure. Explicit directions on each package.

30 tablets, 10c. 100 tablets, 25c. 250 tablets, 50c.

Any of the above sent postpaid upon receipt of price

THE EXCELSIOR PLANT FOOD

Excelsior Plant Food contains the three elements essential to plant life, nitrogen, phosphoric acid and potash in just the right proportion to enable each element to perform its proper function. Their uniform action seems to energize the capacity of plant or tree for developing growth, seed, fruit and flowers. Price, 1/2-lb. pkg., making 10 gals., postpaid, 30c.; 1-lb. pkg., making 20 gals., postpaid, 50c.

MAK-GRO ODORLESS PLANT FOOD

Correctly proportioned combinations of the essential plant food elements, nitrogen, phosphoric acid and potash, all in soluble form, and held together in a granulated marl and fibre basis.

These products are scientifically correct fertilizers, made from the highest grade chemicals, and being absolutely odorless and in granular form, can be conveniently used anywhere within the home, and in a dry place will keep indefinitely.

When mixed with the soil the moisture slowly dissolves the chemicals so that the plants are given proper nourishment uninterruptedly throughout the entire growing season, and without further application of the plant food during that period. 1-lb. cans 25c. each, 5-lb. bag, \$1.00.

LIME (Hydrated Agricultural)

Many soils require lime to correct the acidity. Lime has also the effect of holding sandy soil together, thus making it more moisture retaining, and of breaking up soil of clayey formations, making it more tillable. Use one ton to the acre. Price, 100-lb. bag \$1.75, ton (2000 lbs.) \$22.00.

HIGH GRADE FERTILIZERS—Continued

MAPES' MANURES

These manures are the very best on the market. They are in fine condition for use in drills or for hand application; are free from stickiness and dampness. Packed in bags weighing 100 lbs.; every bag plainly branded and has a tag attached containing guaranteed analysis and full directions for use. The basis of Mapes' Manures is bone, no rock used. We do not sell less than 100 lbs. of any brand.

Potato Manure. For Irish and Sweet Potatoes, also for Sugar Beets, Asparagus, Early Vegetables, Tomatoes, Fruits, Sorghum, Sweet Corn, etc. 100 lbs. \$2.35, ton (2000 lbs.) \$42.00.

Fruit and Vine Manure. The best for all vines and small fruits. For insuring fruiting power, particularly in quality of fruit in vineyards, Pears, Apples, Plums, Strawberries, is slow in effects. 100 lbs. \$2.45, ton (2000 lbs.) \$43.00.

Vegetable Manure, or Complete Manure. (For light soils.) This is a special manure on all kinds of soil for truck, early vegetables, Onions, Celery, Tomatoes, also on light soils for Oats, Hops and Barley. 100 lbs. \$2.60, ton (2000 lbs.) \$45.00.

Complete Manure. (For heavy soils.) A desirable manure for general use in heavy soils. Good for all kinds of vegetables, fruits and grains. Fine for early Turnips. May be used for Oats, Hops, Barley, also as a top dressing for grass, and as a forcing manure for all vegetables and fruits at all times. 100 lbs. \$2.45, ton (2000 lbs.) \$43.00.

Complete Manure. (For average soils.) A substitute for stable manure. For Onions, Tomatoes, vegetables of all kinds, Irish and Sweet Potatoes, fruits and Cranberries. Special for Tobacco on heavy soils. 100 lbs. \$2.25, ton (2000 lbs.) \$39.00.

Complete Manure for General Use. For use on all crops and all soils with or without stable manure. Use broadcast; if in hills, use sparingly. Special for Oats, Hungarian Grass, Vegetables, Melons, Tomatoes and seeding with or without grain. 100 lbs. \$2.30, ton (2000 lbs.) \$40.00.

Corn Manure. The best for Sweet and Field Corn, Grass, Turnips, Cabbage, etc. 100 lbs. \$2.20, ton (2000 lbs.) \$38.00.

Cauliflower and Cabbage Manure. The best for these vegetables. 100 lbs. \$2.35, ton (2000 lbs.) \$41.00.

LISTER'S FERTILIZERS

These well-known brands need little description, as they are favorably known all over the country. The following list of brands are among the best of their kind. Made from high-class materials only. Sold in bags 200 lbs. each. Can be supplied in 100-lb. sacks at a small additional cost. Analysis on every sack.

Lister's Vegetable Compound. For vegetables of all kinds. A reliable fertilizer for truck gardeners who make a specialty of garden vegetables. Sack of 200 lbs. \$5.00, ton \$42.00.

Lister's Potato Manure. A high-class fertilizer for potato culture. By the use of this brand your crops will be increased considerably. Sack 200 lbs. \$5.00, ton \$42.00.

Lister's Corn Manure. This brand is exceptional. Will make your ground produce "bumper" crops. A trial of this brand will convince the most skeptical farmer. Sack 200 lbs. \$5.00, ton \$42.00.

Lister's Special Corn Fertilizer. This brand is less expensive than the Corn Manure. However, it is first-class in every respect. A very good product for the money. Sack 200 lbs. \$4.00, ton \$31.00.

Lister's Cabbage and Cauliflower Manure. This brand will supply those essentials which greatly benefit the production of Cabbage and Cauliflower crops. We can recommend this as an exceptional fertilizer for this purpose. Sack 200 lbs. \$5.00, ton \$42.00.

Lister's Fruit and Vine Manure. A high-class fertilizer for invigorating fruit trees and vineyard culture. Will help to increase the yield, as well as the quality. Sack of 200 lbs. \$4.50, ton \$34.00.

Lister's Celebrated Ground Bone. One of the finest fertilizers for Rose culture. Used largely by florists, nurserymen, etc. Also valuable for lawns. Sack of 200 lbs. \$4.00, ton \$33.00.

Lister's Lawn Fertilizer. This brand is especially compounded for lawns which are run down. Will invigorate and tone them up in short order. Will develop strong, vigorous roots. Sack of 200 lbs. \$4.50, ton \$35.00.

Lister's 7 Per Cent. Guano Fertilizer. A high-class fertilizer for truck gardeners. Customers who have used this brand claim almost magical results from the use of it. For general vegetable growing. High class in every respect. Sack of 200 lbs. \$5.50, ton \$47.00.

Lister's "Special" for Tomatoes. By the use of this brand your crops will be larger and better in every respect. Appearance of fruit will be enhanced, vines more vigorous and heavier cropping. Sack 200 lbs. \$4.00, ton \$30.00.

Lister's "Standard" Fertilizer. For general purposes this is one of the best fertilizers on the market and it is well recommended by farmers and truck gardeners all over the country. Sack of 200 lbs. \$4.00, ton \$35.00.

FARMOGERM

FARMOGERM. High-bred nitrogen-fixing bacteria. Farmogerm is put up in bottles in the following sizes: Garden size, containing material to treat the seeds for one-sixth acre of land, 50c.; acre size, containing material to treat the seeds for one acre, \$2.00; five-acre size, containing material to treat the seeds for five acres of land, \$9.00; For the following crops in acre sizes: **Red Clover, Mammoth Clover, Crimson Clover, White Clover, Burr Clover, Sweet Clover, Alsike, Alfalfa, Berseem, Peanuts, Vetch, Lupins, Garden Beans, Garden Peas, Sweet Peas, Cow Peas, Canadian Field Peas, Soy Beans, and all other legumes.** In garden size for Peas, Beans and Sweet Peas; also a mixed culture good for all three. In ordering, state what crop you wish to plant, quantity wanted, and ask for book on the Farmogerm Method.

POULTRY SUPPLIES

We handle only the highest grades of poultry supplies and sell at prices as low as is consistent with quality. In our line of mixed grains, we have exercised great care to handle only the best of its kind, free from mill refuse and siftings. We are glad at all times to submit samples and prices on small or large amounts of our mixed grains. Although the market changes on grain are very frequent, we have quoted prices on 25, 50 and 100 lb. lots of our grain feeds listed below which will hold good for the balance of the year. Prices quoted on all poultry supplies are for goods by express or freight, charges collect, and at purchaser's risk, unless otherwise quoted. (*For Free Local Delivery, See Below.*)

"GLOBE" SCRATCH FOOD

We consider this one of the finest grain mixtures on the market. Compounded from good, sweet and clean grain only; a perfectly balanced ration, suitable for feeding the year round. To poultry raisers who find it pays to feed the best only, we can recommend it highly, as it will produce better laying and healthier fowls. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 70c., 50 lbs. \$1.25, 100 lbs. \$2.30.

"CRESCENT" CHICK FOOD

A complete grain feed for chicks, which can be fed until about 8 weeks old. Thoroughly balanced, good, sweet and clean grain. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. \$1.40, 100 lbs. \$2.60.

"KING" PIGEON FOOD

A mixed grain ration, especially adapted for squab fattening. This mixture has given much satisfaction among pigeon fanciers, who recommend it highly. 5 lbs. 25c., 10 lbs. 45c., 25 lbs. 80c., 50 lbs. \$1.45, 100 lbs. \$2.75.

"COLONIAL" DEVELOPING FOOD

A mixture of grain a trifle larger than the Crescent Chick Food, to be fed to growing chicks after 8 weeks old. Contains such ingredients as are easily digested and flesh producing. A fine mixture in every particular. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 70c., 50 lbs. \$1.30, 100 lbs. \$2.40.

"QUEEN" POULTRY MASH

A selected ground feed for fowls of all sizes, especially laying hens. Contains choice ground grains, well balanced. Will help a great deal to produce those eggs you so badly want. 5 lbs. 20c., 10 lbs. 35c., 25 lbs. 75c., 50 lbs. \$1.30, 100 lbs. \$2.35.

ALFALFA (Mealed)

One of the best substitutes for green food during the Winter. Highly nutritious. 5 lbs. 25c., 10 lbs. 45c.

BEEF SCRAPS

If fed judiciously, increases egg production. The best substitute for green bone. Can be fed during the Summer months as well as the Winter months. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 90c., 50 lbs. \$1.70, 100 lbs. \$3.25.

BONE (Coarse)

Increases egg production besides making flesh; also can be used as grit. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.60, 100 lbs. \$3.00.

BONE (Fine)

Used in connection with mash food. Makes flesh and bone in young chicks, also helps to increase egg production in large fowls. 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 85c., 50 lbs. \$1.60, 100 lbs. \$3.00.

CHARCOAL

Coarse or fine. Very beneficial to poultry. Should be in the hopper at all times. Lb. 10c., 5 lbs. 25c., 10 lbs. 40c., 25 lbs. 75c., 100 lbs. \$2.50.

GRIT

We carry grit in four sizes, Nos. 1, 2, 3 and 4. No. 1 for turkeys and ducks. No. 2 for chickens. No. 3 for pigeons. No. 4 for small chicks. 5 lbs. 10c., 10 lbs. 15c. 25 lbs. 25c., 50 lbs. 40c., 100 lbs. 75c.

OYSTER SHELL

Our oyster shells are noted for their uniformity and cleanliness. No clam shells in this brand. Strictly oyster shells. 5 lbs. 10c., 10 lbs. 15c., 25 lbs. 25c., 50 lbs. 40c., 100 lbs. 75c.

FREE DELIVERY FOR NEWARK AND SUBURBS, THE ORANGES AND VICINITY

We deliver by our own wagons any goods

MONDAY—Clinton Hill section, Irvington, Hilton, South Orange, Vailsburgh.

TUESDAY—East Orange, Orange, West Orange.

WEDNESDAY—Down Neck, Harrison, Kearny, Arlington.

bought from this catalogue as follows:

THURSDAY—Woodside, Belleville, Silver Lake, Bloomfield.

FRIDAY—Clinton Hill section, Irvington, Vailsburgh, East Orange, Orange, West Orange.

SATURDAY—Down Neck, Woodside, Roseville.

POULTRY SUPPLIES AND REQUISITES—Continued

RUST'S HAVENS CLIMAX POWDER

A valuable poultry tonic. Will cure gapes, fowl-cholera, etc. 13-oz. pkg. 25c., 32-oz. pkg. 50c.

RUST'S ROUP POWDER

To be used in the drinking water. Also cures canker sores, etc. Large pkg. 25c., postpaid.

RUST'S ROUP PILLS

A very good remedy in case of roup. Lots of customers claim them to be superior to the powder. Box of 50 pills 25c., 112 pills 50c., postpaid.

RUST'S LICE-KILLING POWDER

For dusting fowls and nests. 5-oz. box 10c., 16-oz. box 25c.

RUST'S EGG PRODUCER

Fowls that have stopped laying invariably start laying when this egg-producer is used judiciously. 16-oz. pkg. 25c., 2½ lbs. 50c., 5 lbs. \$1.00.

RUST'S LIQUID LICE-KILLER

For spraying the roosts. Qt. 35c., ½ gal. 60c., gal. \$1.00.

MEDICATED NEST EGGS

A very popular article. Expels lice from the nest and in addition proves a good coxer to hens seeking to lay their eggs. Each 5c., doz. 50c.

SMITH'S GERMICIDE

A very efficient article for throat and bowel troubles in poultry. A guaranteed germ killer. A cure for Roup, Diarrhoea, Cholera, etc. Roup and bowel complaints every year carry away millions of fowls that might be saved if properly treated. Smith's Germicide will save them and make your poultry business spell Big Profits in large letters. Bot. 25c. and 50c.

SMITH'S ROUP CURE

The maker claims this to be an exceptional roup preparation. Powder form; used in the drinking water, consequently the fowl takes its own medicine. Pkg. 25c., by mail 30c.

SMITH'S INSECTICIDE

This is a powder guaranteed to "kill" lice on poultry. Will not injure fowls or interfere with plumage. Is safe to use on young chicks. Pkg. 10c. and 25c.

SMITH'S HEAD LICE OINTMENT

For head lice on chicks and scaly legs on fowls. Two sizes, 15c. and 25c.

SMITH'S LIQUID INSECTICIDE

A very desirable vermin destroyer. To be sprayed on the roosts, etc., of poultry houses. Will keep them clear of lice, and make the houses sanitary. Qt. can 35c., 2 qts. 60c.

CONKEY'S GAPE REMEDY

A positive cure for this annoying disease. It is guaranteed to do the work and to satisfy you. 50c., or 60c. postpaid.

CONKEY'S LICE LIQUID

Where this is used lice do not hang around. Guaranteed to do the work according to directions. Qt. 35c., ½ gal. 60c., gal. \$1.00.

CONKEY'S POULTRY TONIC

A valuable tonic for run-down fowl, off feed, recovering from disease, or during moulting season. A general invigorator. 25c., or 30c. postpaid.

CONKEY'S CHOLERA REMEDY

A very valuable remedy in cases of cholera or other bowel complaints. Easily administered, as the fowl takes its own medicine. Put in the drinking water. 25c. and 50c. postpaid.

CONKEY'S ROUP REMEDY

Probably better known than any other like preparation on the market. A grand preventive of roup, colds, etc. 25c. and 50c., postpaid.

CONKEY'S BRONCHITIS REMEDY

A guaranteed specific for this dangerous ailment. 50c. postpaid.

CONKEY'S CHICKEN POX REMEDY

A reliable remedy for this disgusting and dangerous disease. Used according to directions, it invariably effects a cure. 50c., or 55c. postpaid.

CONKEY'S WHITE DIARRHOEA REMEDY

One of the greatest chick life savers ever put before the public. This disease carries off from 60 to 75 per cent. of the little chicks hatched every year. To insure against this terrible disease, get a package today. 50c. postpaid.

CONKEY'S LAYING TONIC

Compounded from vegetable extracts, herbs, roots, etc., so proportioned as to act gently on the egg-producing organs. This is not a false stimulant, but a corrective which can be relied upon; should never be fed alone, but according to directions, which are on every package. 1½-lb. pkg. 25c., 3¼-lb. pkg. 50c.

POULTRY SUPPLIES AND REQUISITES—Continued

**CONKEY'S LIMBERNECK
REMEDY**

Limberneck is a very dangerous disease in poultry, and very often quickly terminates in death. It is very easy to control this disease when Conkey's Limberneck is handy. Get a box today and be prepared for it. 50c., or 55c. postpaid.

CONKEY'S LICE POWDER

One of the best lice killing powders on the market. 15-oz. pkg. 25c., or 40c. postpaid. 48-oz. pkg. 50c., not postpaid.

CONKEY'S SCALY LEG REMEDY

A very valuable remedy for scaly leg. A combination wash and ointment. Guaranteed to cure. 50c., or 55c. postpaid.

ROUPENE

The most wonderful Roup cure ever discovered. It will positively cure the most dreaded form of Roup, namely, Diphtheretic Roup. Roupene will be found an infallible preventive and a sure cure for other forms of Roup, Canker, Chicken Pox, Sore Head, Gapes and other diseases of the respiratory organs in fowls of all breeds. You do not have to isolate the sick fowls from the rest of the flock, as after the sick fowls have been treated, it destroys all danger of contagion. This will save a lot of annoyance and trouble to every poultry breeder. By the use of Roupene it will save your little chicks from that dreaded disease, White Diarrhoea. Full directions on each and every bottle of Roupene. Roupene is guaranteed to do all that is claimed for it and if it does not satisfy, the purchase price of same will be refunded. Since placing Roupene on the market we have not heard from one dissatisfied customer, hearing nothing but praise for this wonderful poultry remedy. 50c., or 60c. postpaid.

**PRATT'S POULTRY REGU-
LATOR**

This regulator is known in almost every country on earth and needs little description. Pkgs. 10c., 25c., 50c. and \$1.25.

Pratt's Roup Cure. An efficient article for roup. Also good as a preventive. Box 25c.

Pratt's Baby Chick Food. A scientific ration for the successful raising of little chicks. 1-lb. pkg. 10c.

HOMESTEAD POULTRY SPICE

Compounded from purely vegetable and medicinal ingredients. A very valuable article for keeping chickens, ducks, turkeys and geese in a good, healthy condition. Pkg. 25c.

SALT CAT

A tonic preparation for pigeons. Promotes health and egg production in game fowls. Per brick 15c., postpaid 30c.

**STURTEVANT'S POULTRY
PREPARATIONS**

Poultry Tonic. Keeps your chickens in a healthy condition and makes them thrive. Composed of Nature's products. Per pkg. 25c. and 50c.

Imperial Egg Food. Promotes growth in young chicks and invigorates large fowls so as to have them in the best state for egg production. Per pkg. 25c. and 50c.

Roup Powder. A speedy and reliable remedy for roup, colds, canker, etc. Box 25c.

Chicken Cholera Remedy. An efficient remedy for this dreaded disease. Box 50c.

**LEE CO'S POULTRY
PREPARATIONS**

Egg Maker. Makes large fowls lay eggs without exciting the egg organs and helps young chicks to grow. Per pkg. 25c. and 50c.

Germozone. A reliable article for roup, colds, canker, bowel trouble, etc. Very well known and extensively used. Liquid, per bottle, 50c. Tablets, per box, 50c.

Lice Killer (Liquid). Used for spraying roosts and inside of houses to eradicate vermin. Quart cans, each 35c.

Insect Destroyer. Used for dusting fowls' nests, etc., to destroy lice and other vermin that infest poultry houses. Per box 25c.

White Diarrhoea Remedy. Very efficient in the treatment of this disease. Liquid, per bottle 50c.

**VARIOUS DISINFECTANTS
CONKEY'S NOXICIDE**

A soluble disinfectant deodorant and germ destroyer. Very good. Pt. 35c., qt. 60c.

RUSOLINE

A high-grade disinfectant, deodorizer and germ expeller. To be used in water according to directions, which are on each bottle. Pt. 35c.

HYGENO-A

A disinfectant that can be used for general purposes. Very powerful. A good antiseptic. Pt. 35c., qt. 50c., ½ gal. 95c., gal. \$1.75.

CREOLUSOL

A very powerful antiseptic and purifier. A very good disinfectant for private or public sanitation. For poultry houses, runs, stables, kennels, etc. Invaluable for washing out Incubator Cellars, Incubators, Brooders, Drinking Utensils, etc. Qt. bot. 50c.

**SULPHUR FUMIGATING
CANDLES**

Easy to light; safe to use; sure in effect. Put up in seamless tin boxes. If placed in saucer of water, the steam arising from the water, uniting with the fumes, makes the vapor more deadly than ordinary sulphur fumes. Each 15c., by mail 20c.

FEEDERS, FOUNTAINS, ETC.

DRY FOOD HOPPERS

Three compartments, one for grain, the others for beef scraps, etc. Each 75c., per doz. \$7.50.

GRIT AND SHELL HOPPERS

Three compartments, for grit, shell and charcoal. Each 50c., per doz. \$5.00.

"HUB FEEDERS"

One of the best feeders for little chicks. Impossible for chicks to scratch in the grain. Small size 35c., large size 50c.

NORWICH AUTOMATIC FEEDER



The most economical feeding device on the market. Absolutely rat, bird and weather proof. Also a very good exerciser which is essential to fowl health. Saves a lot of money, time and labor. Made in four sizes. No. 1, capacity 8 qts., \$2.50; No. 2, capacity 14 qts., \$3.25; No. 3, capacity 20 qts., \$4.10; No. 4, capacity 32 qts., \$5.00. Free circular for the asking.

PEERLESS POULTRY FOUNTAINS

One of the most popular fountains on the market. Easily cleaned, very sanitary. Can be hung on the wall or stood on the floor. Galvanized iron, 1 gal. size, each 65c., per doz. \$7.00; 2 gal. size, each 90c.

PEERLESS BROODER FOUNTAIN

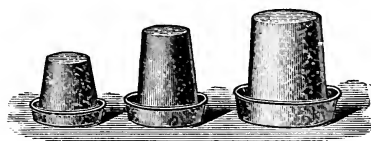
Capacity one quart. Little chicks will not drown in this fountain. Ring attached for hanging upon the brooder wall. Each 35c., per doz. \$3.75.

GALVANIZED WALL FOUNTAINS

In great demand. Front and sides are round with flat back. Drinking cup protected by hood. Gal. size 50c., 2 gal. 75c.

"SANITARY" STONE FOUNTAINS

Made out of clay. Very sanitary. Most popular for Summer use. Qt. size, 25c., 2 qt. 40c., 4 qt. 50c., 8 qt. 75c.



GALVANIZED IRON FOUNTAINS

Cone-shaped, tops with saucers. Very convenient. Made of galvanized iron. Small size 18c., medium 25c., large 35c.

HENS' NESTS (Wire)

Made from 2-in. mesh wire, with two-ring attachment for suspending from wall. Each 15c., per doz. \$1.50.

PIGEON NESTS (Fibre Ware)

Fills a long felt want for all squab breeders. Wood gets filthy and vermin laden in a very short time. Iron or earthenware is cold and bad for the birds. Indurated Fibre is lighter than wood, will not warp or break, has a red finish (not polished), which makes it easy to clean. Impervious to vermin or moisture and is a non-conductor of either heat or cold. Sanitary, handsome, practically indestructible and cheap. Has hole in bottom for screw to hold nest firm and steady. Diameter 9 in. Per doz., \$1.30

LEG BANDS

Spir-ol Celluloid Bands are easily put on and can be readily distinguished. Are finished in various colors and sizes. Per doz. 25c., 100 \$1.50.

Champion Adjustable Leg Bands. Well made from thin aluminum. Doz. 15c., 25 30c., 50 50c., 100 80c.

POULTRY KILLING KNIVES

Double edge, French pattern, fine quality of steel. Each 50c.

INCUBATOR THERMOMETERS

The pattern we sell is an approved type and will fit any make of incubator. Suspended by wire. Complete, each 70c., or 80c. postpaid.

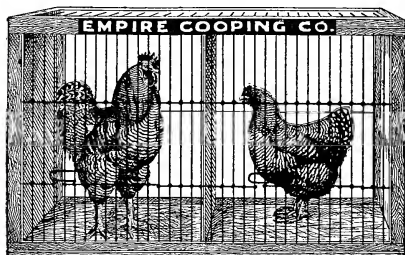
BROODER THERMOMETERS

Can be used for brooders or portable hovers. 50c., or 60c. postpaid.

X-RAY EGG TESTER

A very handy article for testing eggs before and during the hatch. Made of tin. Each 25c.

POULTRY SUPPLIES AND REQUISITES—Continued

Empire Exhibition Coops**SINGLE COMPARTMENT COOP**

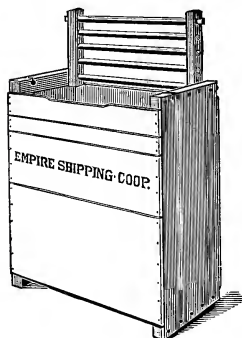
Length, 2 ft., width 2 ft., height 27 in. Wire top, front and back. Solid veneered ends. Each \$3.00.

TWO-COMPARTMENT COOP

Length of section, 4 ft., size of compartments, 22x24x26 in. Wire top, front and back. Solid veneered ends and partition. Each \$4.60.

THREE-COMPARTMENT COOP

Length of section 5 ft. 6 in., size of compartments 22x24x26 in. Wire top, front and back. Solid veneered ends and partitions. Each, \$5.50.

EMPIRE SHIPPING COOP

One of the best shipping coops on the market. Top ventilation spaced so the birds cannot get their heads through. An important feature of this coop is the top lid or cover, which does not require hammer, saw or nails to coop or uncoop your birds. Single coop, size, 12x22x25 in., each, 70c., knocked down; trio size, 18x22x25 in., each, 80c., knocked down; pen size, 22x22x25 in., each, 90c., knocked down.

COLLAPSIBLE SHIPPING CRATE

This is one of the latest devices added to the poultry supply list of necessities and is bound to become a staple article. Can be completely knocked down, three of these crates occupying but little more room than one of the old style crates. The return charges are also less, which is an important item to poultry shippers. Thoroughly built of wood, iron and steel wire; easy to handle and affording protection to poultry. Each, \$2.50.

"IDEAL"**FOLDING EGG-SHIPING BOX**

Expressly designed to meet the demands of egg shippers. Simple, compact and durable, requiring no nails or hammer. It is quick to open and fold, nothing to break or become lost. In short, the best egg shipping box on the market. Each \$2.25.

CARD-BOARD EGG BOXES OR CARRIERS

Made out of good quality card-board with a filler for every box. These boxes are one dozen capacity and are strong and durable. Used extensively by large egg distributors as well as small. We sell thousands of these boxes annually. Per doz. 15c., 100 75c., 1000 \$7.00.

HUDSON ELASTIC ROOFING

This roofing is made of an excellent grade of material. It will outlast tin or shingles. If painted occasionally will give good service indefinitely. Put up in rolls, 36 in. wide, containing 108 sq. ft. with complete rust-proof fixtures and directions for applying. Per square of 108 sq. ft., $\frac{1}{2}$ ply, \$1.75; 1 ply, \$2.25.

HUDSON BLACK WATERPROOF LINING PAPER

This is an excellent low cost waterproof paper for lining poultry houses, under stucco, metal, slate or tile roofing. Very tough and strong; is waterproof clear through, being both saturated and coated with a mineral compound that will not dry out. Put up in rolls, 36 in. wide, containing 500 sq. ft., \$1.50.

BIRD SEED

All our bird seed is recleaned at our warehouses and customers will find them clean, sweet and up to the mark in every respect.

CANARY. (Pure.) Lb. 10c., 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

HEMP. Lb. 10c., 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

MILLET. Lb. 10c., 5 lbs. 35c., 10 lbs. 65c., 25 lbs. \$1.40, 50 lbs. \$2.75, 100 lbs. \$5.00.

MIXED BIRD SEED. This mixture combines only recleaned seeds and is put up by ourselves. Lb. 10c., 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

RAPE. Lb. 10c., 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

SUNFLOWER. (Large Russian.) Lb. 10c., 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

FLAX SEED. (Whole.) Lb. 10c., 3 lbs. 25c.

FLAX SEED. (Ground.) Same price as whole flax.

BIRD MANNA. Pkg. 15c., postpaid 17c.

CUTTLE FISH BONE. Each 5c., postpaid.

MAW. Lb. 20c., or 28c. postpaid.

SPRATT'S DOG CAKES. Lb. 7c., 3 lbs. 20c., 100 lbs. \$6.00.

SPRATT'S PUPPY CAKES. Lb. 10c., 3 lbs. 25c., 100 lbs. \$6.50.

MALTOID. Bone-shaped dog cakes. Lb. 10c., 3 lbs. 25c., 100 lbs. \$6.25.

MALTOID. Bone shaped puppy cakes. Lb. 10c., 3 lbs. 25c., 100 lbs. \$6.75.

BUCKEYE INCUBATORS AND BROODERS

We are pleased to inform all those who are interested in the rearing of poultry for either pleasure or profit, that we are the sole agents for Newark and vicinity of the Buckeye Incubators and Brooders. This incubator is the only hot water heated machine on the market and has the benefit of twenty-two years of practical demonstration. The boiler, hot water tank and tubes are made of pure copper and will last long.

Every part of the machine is mechanically perfect, and in simplicity of construction and in ease of operation, it far excels any machine now offered to the public. That the manufacturers themselves have absolute confidence in their production is clearly shown by the following liberal guarantee of five years given by them to every purchaser of a Buckeye Incubator, viz.:

GUARANTEE No. 327,194

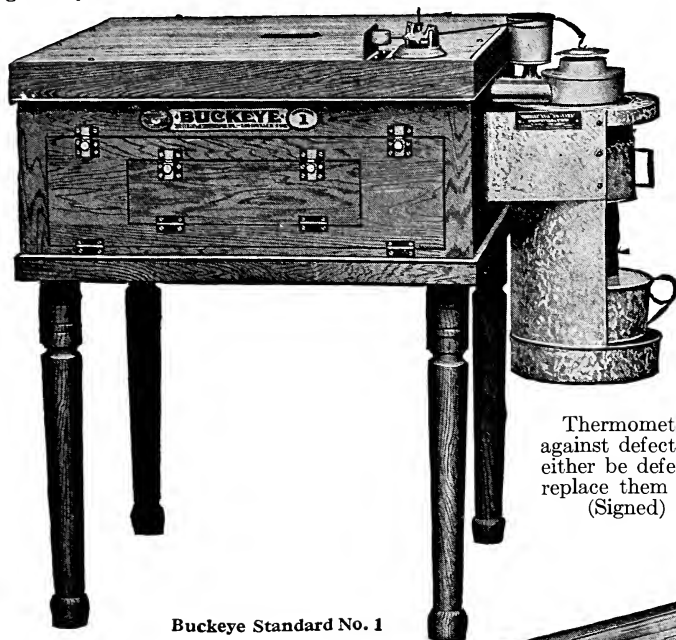
This BUCKEYE incubator is guaranteed to hatch every hatchable egg; to be complete in every detail, and in perfect working order.

We guarantee the efficiency of all its mechanical parts, and the material of which it is constructed is guaranteed against deterioration from wear for five (5) years.

If this incubator, or any part thereof, fails to fulfill our guarantee, the entire machine or any defective part (excepting thermometers and lamp burners) may be returned to us any time within five (5) years, and we will place same in perfect working order, or replace it, without charge.

Thermometers and lamp burners are guaranteed against defect and breakage upon arrival. Should either be defective or broken upon arrival, we will replace them without charge.

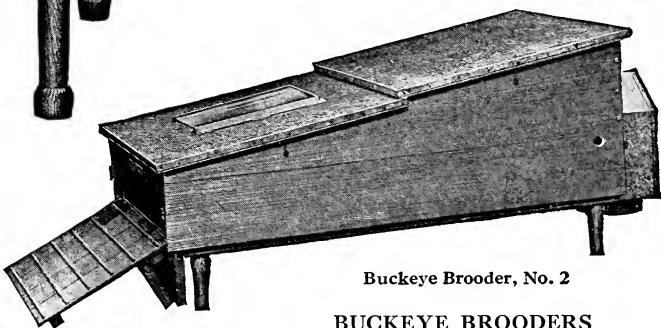
(Signed) THE BUCKEYE INCUBATOR CO.



Buckeye Standard No. 1

BUCKEYE INCUBATORS

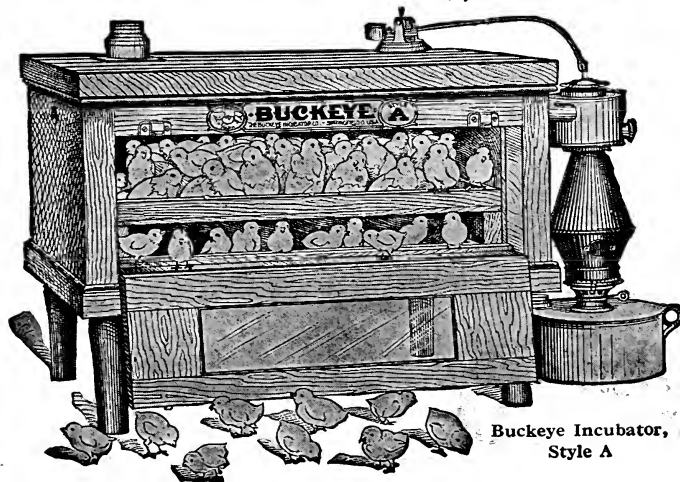
Style "A," 60 eggs.....	\$10.00
No. 1 Standard, 110 eggs.....	18.00
No. 2 Standard, 175 eggs.....	23.00
No. 3 Standard, 250 eggs.....	30.00
No. 4 Standard, 350 eggs.....	35.00



Buckeye Brooder, No. 2

BUCKEYE BROODERS

No. 1, Indoor heated, for 50 Chicks.....	\$8.00
No. 2, Outdoor heated, for 50 Chicks.....	12.00
No. 3, Indoor heated for 100 Chicks.....	10.00
No. 4, Outdoor heated for 100 Chicks.....	18.00
No. C, Outdoor Lampless, for 50 Chicks.....	8.00
No. 5, Indoor Lampless, for 25 Chicks.....	2.00
No. B, Indoor Lampless, for 50 Chicks.....	6.00
No. 6, Indoor Lampless, for 50 Chicks.....	3.00



Buckeye Incubator, Style A

THE BANTA INCUBATORS, ETC.

THE BANTA INCUBATOR

RELIABLE—SAFE

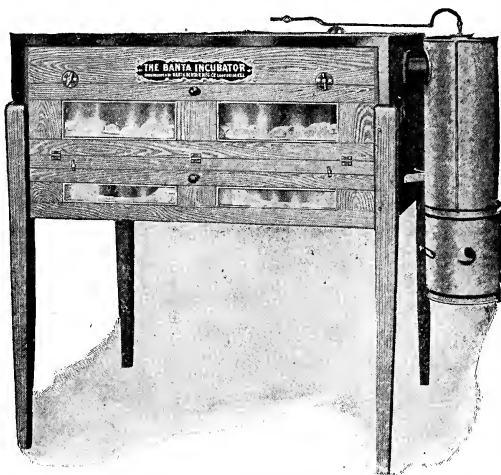
Bear Fire Insurance Underwriters' Exchange Label

Some Facts—The Banta has a heater that can be taken apart and cleaned. It is the best insulated and best made of any heater ever put on an incubator and is the only one that has the cleanable feature. The cloth diaphragms are all removable for cleaning and are stretched on mortised and tenoned frames. The regulator is a patented double 4-inch wafer with pull-down lever and adjusting screw, hung on one bearing only. They have a large nursery under the egg trays, with glass doors and chick drawers so that chicks can be taken from the machine without in any way interfering with other eggs that are hatching. No difference what the size, all have the same improvements and are exactly alike in every particular, excepting size. The egg trays are made with good, solid frames, the bottoms covered with wire cloth. An extra tray comes with each machine for turning the eggs.

The Banta is thoroughly insulated; the walls have five thicknesses of lumber and insulating boards with dead air space. The top has thirteen thicknesses of packings and lumber. Not the slightest amount of heat escapes through the walls or tops of the machine.

The heating system of the Banta Hot Air Machine is a combination of the two principles of heating—the radiation of warm air and the diffusion of warm air. The doors on the Banta will always shut airtight, as they are arranged so they wedge airtight against a jamb completely around the door whenever they are closed. The regulator is automatic. The ventilation is automatic and no moisture need be added, except in exceedingly dry places.

In short, Banta Incubators are simple in operation and sure in results.



BANTA OUTDOOR BROODERS

These brooders are built on up-to-date plans. The cut of this brooder will show you how they can be opened for airing and cleaning purposes. Accessible from all points. The heater is under the floor, thereby allowing more space in the compartments, of which there are three. Heated by a perfectly safe Brooder Lamp. The roof is protected by a very good quality of tin. Galvanized iron feed trough, drinking fountain, thermometer, hover and every attachment necessary come with each brooder.

These brooders are designed for service and are as good and practical as the manufacturers know how to build them. They have been building them for 17 years. We offer them in two sizes.

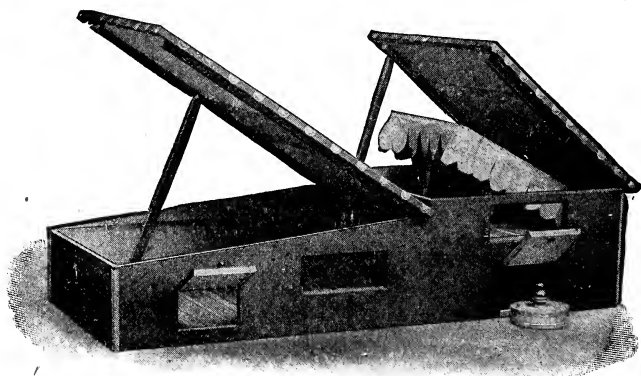
No. 6. Capacity 100 chicks.....\$11.00
No. 7. " 200 " 13.00

BANTA NEW MODEL BROODER No. 5

This brooder while an indoor brooder can be used outdoors also, if it is placed under a shelter. It has a brooding floor, brooder chamber and hover. Has a glass in the top so the chickens can be seen from the top without opening. This brooder is well made of the best materials and will please every purchaser. Complete, ready for operating. Capacity, 200 chicks. Price \$10.50.

Prices of Banta Hot Air Machines

No. 75.....75 Egg Capacity.....	\$12.50
No. 100....100 " "	15.50
No. 150....150 " "	21.00
No. 260....260 " "	30.00



Orders received before 10:00 A. M. at our New York branch, 29 Hudson Terminal Concourse, will be ready for delivery at 4:00 P. M. or will be sent direct from Newark, N. J.



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When Sending Us Your Orders

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POSTAGE
STAMP
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J. F. NOLL & CO.

115 Mulberry Street

Newark, N. J.

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Address

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**Be sure
you get a copy of**

NOLL'S GARDEN GUIDE

Full of information you need on the growing of

**FLOWERS, VEGETABLES, FRUITS, HARDY PLANTS
SHRUBBERY, LAWNS, HEDGES, ETC.**

Sells regularly for 25 cents

FREE WITH FIRST PURCHASE OF
ONE DOLLAR OR OVER

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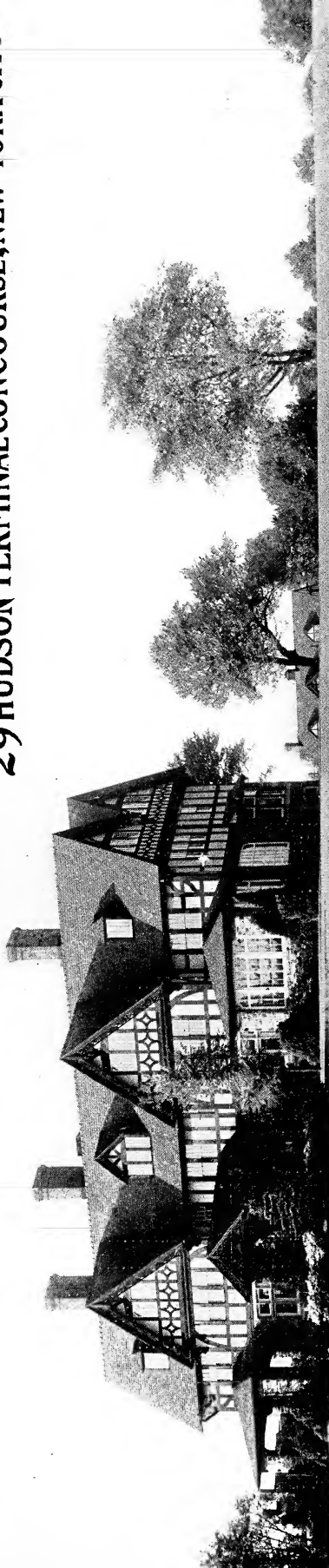
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